BRUHAT BANGALORE MAHANAGARA PALIKE
BYTARAYANPURA DIVISION

Name of Work: - Improvements of Roads, Drains, Footpath and Parks in ward no 08.

(Package includes 11 works of Rs 1010 Lakhs)

MODIFIED ESTIMATE

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BRUHAT BANGALORE MAHANAGARA PALIKE

Project: Improvements to Road,Drain and Footpath and Park in Ward No.8, (Package includes 11 works of Rs 1010Lakhs)

MODIFIED ESTIMATE

BOQ Item No	Description of Item	Unit	Nos	Length	Bredth	Depth	Quantity	Rate in Rs	Amount in Rs
				m	m	m			
1	KSRRB M200-13.1. Dismantling of existing structures like culverts, Bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceble material and stacking the serviceble material with all lifts complete as per specifications. II. By mechanical means, A. Cement concrete Grade M-15 & M-20 (P.No.137, I.No.18.20 of PW,P&IWTD SR 2016-17)								
	Lottegollahalli Main Road	Cum							
	Main Road Culverts								
			1	8.50	1.50	0.20	2.55		
			1	12.00	1.50	0.20	3.60		
			1	12.70	1.50	0.20	3.81		
			1	9.50	1.40	0.20	2.66		
	Footbath Concrete								
			1	30.00	1.25	0.15	5.63		
			1	20.00	1.25	0.15	3.75		
	Culvert 1								
	Wall		2	4.30	0.25	0.15	0.323		
	Slab		1	4.30	1.10	0.25	1.183		
	Culvert 2								
	Wall		2	4.90	0.25	0.15	2.45		
	Slab		1	4.90	1.10	0.25	5.39		
	Culvert 3								
	Wall		2	5.50	0.25	0.15	2.75		
	Slab		1	5.50	1.10	0.25	6.05		
	Wall		2	4.30	0.25	0.15	2.15		
	Slab		1	4.30	1.10	0.25	4.73		
	5th Main culvert slab								
			1	17.50	3.20	0.20	11.20		
	Road Dismantling								
	7th A Cross Road		1	40.00	2.56	0.15	15.36		
	Existing Pole Concrete								
	From Aster Compound End to Sanjeevini Nagara		225	0.45	0.45	0.60	27.34		
	From Gadwin Public School Impact Polytechnic		60	0.45	0.45	0.60	7.29		
	Culvert Slab Dismatling								
	From Aster Compound End to Sanjeevini Nagara								
	@ 1st Main Road (CH 349-357)		1	7.00	1.50	0.23	2.42		
	@ 2nd Main Road (CH 401-406)		1	4.00	1.50	0.23	1.38		
	Ext Culvert (in Road Center)						0.00		
	Slab		1	9.00	1.50	0.23	3.11		
	Wall		2	9.00	0.23	1.00	4.14		
	Existing Column Dismantling								

BOQ Item No	Description of Item	Unit	Nos	Length m	Bredth m	Depth m	Quantity	Rate in Rs	Amount in Rs
	Opposite to Gadwin Public School		3	0.30	0.25	2.30	0.52		
	at Military Ground Inside		3	0.30	0.25	2.30	0.52		
			3	0.30	0.25	2.30	0.52		
			15	0.30	0.25	2.30	2.59		
	Existing Plinth Beam Dismantling								
			1	10.00	0.25	0.45	1.13		
			1	9.00	0.25	0.45	1.01		
			1	9.00	0.25	0.45	1.01		
			1	61.00	0.25	0.45	6.86		
	Existing Solid Block Dismantling								
	Opposite to Gadwin Public School		1	10.00	0.20	2.10	4.20		
	at Military Ground Inside		1	9.00	0.20	2.10	3.78		
			1	9.00	0.20	2.10	3.78		
			1	61.00	0.20	2.10	25.62		
	Existing Coping Concrete								
			1	10.00	0.20	0.10	0.20		
			1	9.00	0.20	0.10	0.18		
			1	9.00	0.20	0.10	0.18		
			1	61.00	0.20	0.10	1.22		
	Column Deduction (-)								
			-3	0.30	0.25	2.10	-0.47		
			-3	0.30	0.25	2.10	-0.47		
			-3	0.30	0.25	2.10	-0.47		
			-15	0.30	0.25	2.10	-2.36		
	Retaining Wall Dismantling		1	15.00	0.60	1.80	16.20		
	STP (Aster Hospital)		1	18.00	0.60	2.00	21.60		
							206.58		
					Up to 125%		**92.00**	**488.86**	**44,975.12**
					Above 125%		**114.58**	**478.42**	**54,816.87**
2	Removing & Refixing Stone slabs of drains and Pointing in C.M(1:3) (P.No.25, I.No.5.33 of PW, P&IWTD SR 2016-17)								
	Lottegollahalli Main Road	Sq-m							
	RHS From Devinagra Junction to towards Jalagaradamma temple		1	42.00	1.50	--	63.00		
	LHS From Devinagra Junction to towards Jalagaradamma temple		1	20.00	0.90	--	18.00		
	LKR Nagara Main Road		1	156.00	1.80	--	280.80		
	RHS From SWD to towards Devinagara Main Road								
	Culvert B.S Slab		1	3.00	1.50	--	4.50		
	Culvert 1st A Cross		1	5.00	1.50	--	7.50		
	Culvert 1st Cross		1	5.00	1.50	--	7.50		
	Culvert 2nd Cross		1	4.90	1.50	--	7.35		
	Culvert 3rd Cross		1	6.10	1.50	--	9.15		
			1	24.20	0.90	--	21.78		
			1	5.60	1.50	--	8.40		
	Culvert 6th Cross Road		1	6.60	1.50	--	9.90		
	Kannuramma Arch Road								
			1	8.00	1.20	--	9.60		
			1	2.50	0.90	--	2.25		
			1	26.20	0.90	--	23.58		
	Between 7th and 7th A Cross		1	30.00	0.90	--	27.00		
	Hanumayya Layout								
	BS Cover Slab								

BOQ Item No	Description of Item	Unit	Nos	Length	Bredth	Depth	Quantity	Rate in Rs	Amount in Rs
				m	m	m			
	1st Cross Road		2	15.0	1.20	--	36.00		
	2nd Cross Road		2	27.0	0.90	--	48.60		
	3rd Cross Road		2	21.0	0.90	--	37.80		
	4th Cross Road		2	24.0	0.90	--	43.20		
	AK Colony Main Road		2	105.0	0.70	--	147.00		
	BS Drain								
	1st Cross Road		2	16.0	1.80	--	57.60		
	2nd Cross Road		2	25.0	1.80	--	90.00		
	3rd Cross Road		2	19.0	1.80	--	68.40		
	4th Cross Road		2	15.0	1.80	--	54.00		
	AK Colony Main Road		2	15.0	0.70	--	21.00		
	Tatanagar 5th Cross Road								
	BS Cover Slab		2	38.00	0.90	--	68.40		
	BS Drain		2	130.00	1.80	--	468.00		
	Intelli Solution Road		2	50.00	1.80	--	180.00		
	8th A Cross Road		2	15.00	1.80	--	54.00		
	7th A Cross Road		2	14.00	1.80	--	50.40		
	7th B Cross Road		2	15.00	1.80	--	54.00		
	6th A Cross Road		2	25.00	1.80	--	90.00		
	6th B Cross Road		2	25.00	1.80	--	90.00		
	5th A Cross Road		2	20.00	1.80	--	72.00		
	5th B Cross Road		2	20.00	1.80	--	72.00		
	4th A Cross Road		2	65.00	1.35	--	175.50		
	4th B Cross Road		2	32.00	1.35	--	86.40		
	2nd A Cross Road		2	54.00	1.35	--	145.80		
	3rd A Cross Road		2	33.00	0.90	--	59.40		
	3rd B Cross Road		2	50.00	0.90	--	90.00		
	5th A Cross Road		2	35.00	1.20	--	84.00		
	5th B Cross Road		2	24.00	1.20	--	57.60		
	Badrappa Layout								
	Maruthinagar 2nd Stage								
	6th Cross Road		2.00	163.00	1.80	--	586.80		
	Railway Parallel Road								
	From 14th Main to		1	500.00	1.80	--	900.00		
	SahakarNagara D& C Block					--			
	8th Main(From 16th E Cross to 1st Main)		2	90.00	1.80	--	324.00		
	9th Main-From 1st Main to 16th E Cross		2	140.00	1.80	--	504.00		
	10th Main-From 16th E Cross to 16th Cross		2	82.00	1.80	--	295.20		
	11th Main-From 16th Cross to 16th E Cross		2	71.00	1.80	--	255.60		
	10th Cross-From 13th main to 9th Main		2	60.00	1.80	--	216.00		
	12thMain-From 11th Cross to 14th Cross		2	64.00	1.80	--	230.40		
	12th Cross-From 9th Main to 12th Main		2	60.00	1.80	--	216.00		
	13th Cross-From 9th Main to 12th Main		2	67.00	1.80	--	241.20		
	CQAL Layout								
	4th Main-From 20th Cross to 20th B Cross		2	65.00	1.80	--	234.00		
	16th Cross From 4th Main to 7th Main		2	30.00	1.80	--	108.00		
	17th Cross From 4th Main to 7th Main		2	15.00	1.80	--	54.00		
	18th Cross From 4th Main to 7th Main		2	15.00	1.80	--	54.00		
	19th Cross From 4th Main to 7th Main		2	35.00	1.80	--	126.00		

BOQ Item No	Description of Item	Unit	Nos	Length	Bredth	Depth	Quantity	Rate in Rs	Amount in Rs
				m	m	m			
	Church Road		1	15.00		0.90	13.50		
			1	15.00		0.90	13.50		
			1	17.00		0.90	15.30		
							7388.91	**84.48**	**6,24,215.12**
3	Removing and Resetting of Footpath Slab (P.No.25, I.No.5.33 of PW, P&IWTD SR 2016-17)								
	Devinagra Main Road	Sq-m							
	LHS From Lottegollahalli Main Road to Ring Road		1	114.00	0.90	--	102.60		
	RHS From Lottegollahalli Main Road to Ring Road		1	270.00	1.00	--	270.00		
	Hanumayya Layout 5th Main Road		2	152.0	0.90	--	273.60		
	Marthi nagar 1st main Road		2	186.00	0.90	--	334.80		
	2nd A Cross		2	54.00	0.90	--	97.20		
	4th A Cross		2	68.00	0.90	--	122.40		
	4th B Cross		2	27.00	0.90	--	48.60		
	6th A Cross		2	60.00	0.90	--	108.00		
	6th B Cross		2	52.75	0.90	--	94.95		
	Badrappa Layout								
	Maruthinagar 2nd Stage								
	1st A Cross Road		2	10.00	0.90	--	18.00		
	1st B Cross Road		2	90.00	0.90	--	162.00		
	2nd A cross Road		2	27.00	0.90	--	48.60		
	2nd B cross Road		2	60.00	0.90	--	108.00		
	3rd A cross Road		2	36.00	0.90	--	64.80		
	3rd B Croos Road		1	40.00	0.90	--	36.00		
	Maruthinagar 1st Main Road		2	24.00	0.90	--	43.20		
	1st Main Road Maruthinagar								
	From 4th to 7th A Cross Road		2	66.00	0.90	--	118.80		
	Railway Parallel Road								
	From 14th Main		1.00	152.00	1.20	--	182.40		
							2233.95	**138.94**	**3,10,385.01**
4	KSRRB M300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface levelled and sides neately dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification. MORTH / Chapter 3 (P.No.142, I.No.19.1 of PW, P&IWTD SR 2016-17)								
	Desilt Only	**Cu-m**							
	Lottegollahalli Main Road		1	15.00	0.60	0.50	4.50		
	RHS From Devinagra Junction to towards Jalagaradamma temple		1	49.00	0.60	0.50	14.70		
	LHS From Devinagra Junction to towards Jalagaradamma temple		1	10.00	0.60	0.50	3.00		
	SWD Secondary drain		1	100.00	1.50	1.00	150.00		
	Hanumayya Layout 5th Main Road		2	235.00	0.60	0.70	197.40		
	Over Burdan Earth		5	2.00	0.50	0.45	2.25		
			3	1.50	0.65	0.50	1.46		
			2	5.00	1.50	0.35	5.25		
	1st Cross Road		2	23.00	0.60	0.70	19.32		
	Over Burdan Earth		2	6.00	0.80	0.35	3.36		
			2	4.00	0.60	0.35	1.68		
	2nd Cross Road		2	40.00	0.60	0.65	31.20		
	3rd Cross Road		2	47.00	0.60	0.65	36.66		
	4th Cross Road		2	66.00	0.60	0.65	51.48		
	AK Colony Main Road		2	140.00	0.60	0.70	117.60		
	Over Burdan Earth		2	5.00	0.70	0.35	2.45		
			3	6.00	0.65	0.30	3.51		
			3	5.00	0.60	0.45	4.05		
	AK Colony 1st Cross Road		2	104.00	0.60	0.70	87.36		

BOQ Item No	Description of Item	Unit	Nos	Length	Bredth	Depth	Quantity	Rate in Rs	Amount in Rs
				m	m	m			
	Over Burdan Earth		4	5.00	0.60	0.40	4.80		
			5	6.00	0.65	0.35	6.83		
			3	4.00	0.70	0.30	2.52		
	LHS From Lottegollahalli Main Road to Ring Road		1	111.00	0.50	0.50	27.75		
	RHS From Lottegollahalli Main Road to Ring Road		1	290.00	0.50	0.50	72.50		
	8th cross DeviNagara		2	90.00	0.60	0.60	64.80		
	2nd cross Lottegollahalli-Desilt		2	90.00	0.60	0.44	46.98		
	Over Burdan Earth								
			2	6.00	0.60	0.35	2.52		
			2	5.00	0.70	0.40	2.80		
			2	6.00	0.55	0.35	2.31		
	Marthi nagar 1st main Road		2	263.00	0.60	0.40	126.24		
	Intelli Solution Road		2	85.00	0.60	0.40	40.80		
	2nd A Cross Road		2	64.00	0.60	0.40	30.72		
	3rd A Cross Road		2	56.00	0.60	0.40	26.88		
	3rd B Cross Road		2	73.00	0.60	0.40	35.04		
	4th A Cross Road		2	75.00	0.60	0.40	36.00		
	4th B Cross Road		2	39.00	0.60	0.40	18.72		
	5th A Cross Road		2	62.00	0.60	0.40	29.76		
	5th B Cross Road		2	38.50	0.60	0.40	18.48		
	6th A Cross Road		2	63.60	0.60	0.40	30.53		
	6th B Cross Road		2	63.00	0.60	0.40	30.24		
	7th A Cross Road		2	64.00	0.60	0.40	30.72		
	7th B Cross Road		2	72.00	0.60	0.40	34.56		
	8th B Cross Road		2	70.00	0.60	0.40	33.60		
	Badrappa Layout								
	Maruthinagar 2nd Stage								
	1st A Cross Road		2	29.00	0.60	0.60	20.88		
	1st B Cross Road		2	105.00	0.60	0.60	75.60		
	2nd A cross Road		2	41.00	0.60	0.60	29.52		
	2nd B cross Road		2	75.00	0.60	0.60	54.00		
	3rd A cross Road		2	78.00	0.60	0.60	56.16		
	3rd B Croos Road		2	85.00	0.60	0.60	61.20		
	Maruthinagar 1st Main Road		2	84.00	0.60	0.60	60.48		
	5th Cross Road		2	175.00	0.60	0.60	126.00		
	6th Cross Road		2	163.00	0.60	0.60	117.36		
	1st Main Road Maruthinagar								
	From 4th to 7th A Cross Road		2	127.00	0.60	0.60	91.44		
	Desilt		1	450.00	0.60	0.40	108.00		
	SahakarNagara D& C Block								
	Desilt								
	8th Main-From 16th E Cross to 1st Main		2	290.00	0.60	0.35	121.80		
	9th Main-From 1st Main to 16th E Cross		2	260.00	0.60	0.40	124.80		
	10th Main-From 16th E Cross to 16th Cross		2	150.00	0.60	0.30	54.00		
	11th Main-From 16th Cross to 16th E Cross		2	110.00	0.60	0.35	46.20		
	12thMain-From 11th Cross to 14th Cross		2	190.00	0.60	0.35	79.80		
	13th Cross-From 9th Main to 12th Main		2	105.00	0.60	0.40	50.40		
	OverBurden Earth								
	9th Main-From 1st Main to 16th E Cross		2	160.00	1.50	0.15	72.00		
	10th Main-From 16th E Cross to 16th Cross		2	150.00	1.50	0.15	67.50		
	11th Main-From 16th Cross to 16th E Cross		2	100.00	1.50	0.15	45.00		

BOQ Item No	Description of Item	Unit	Nos	Length	Bredth	Depth	Quantity	Rate in Rs	Amount in Rs
				m	m	m			
	10th Cross-From 13th main to 9th Main		2	150.00	1.30	0.15	58.50		
	11th Cross-From 9th main to 13th Main		2	160.00	2.00	0.20	128.00		
	12th Cross-From 9th Main to 12th Main		2	110.00	1.50	0.15	49.50		
	12thMain-From 11th Cross to 14th Cross		2	160.00	0.60	0.15	28.80		
	13th Cross-From 9th Main to 12th Main		2	95.00	1.30	0.15	37.05		
	CQAL Layout								
	Desilt								
	4th Main-From 20th Cross to 20th B Cross		2	200.00	0.60	0.35	84.00		
	16th CrossFrom 4th Main to 7th Main		2	125.00	0.60	0.35	52.50		
	17th Cross From 4th Main to 7th Main		2	60.00	0.60	0.40	28.80		
	18th Cross From 4th Main to 7th Main		2	70.00	0.60	0.40	33.60		
	19th Cross From 4th Main to 7th Main		2	100.00	0.60	0.40	48.00		
	OverBurden Earth								
	4th Main-From 20th Cross to 20th B Cross		2	150.00	1.20	0.15	54.00		
	16th CrossFrom 4th Main to 7th Main		2	120.00	1.30	0.15	46.80		
	17th Cross From 4th Main to 7th Main		2	60.00	1.00	0.15	18.00		
	18th Cross From 4th Main to 7th Main		2	70.00	1.00	0.15	21.00		
	19th Cross From 4th Main to 7th Main		2	81.00	1.00	0.15	24.30		
	Bad Reaches								
	AK Colony 1st Cross Road								
			3	3.00	1.50	0.25	3.4		
			2	3.00	2.00	0.25	3.0		
	AK Colony Main Road								
			3	3.00	1.00	0.25	2.3		
			1	4.00	0.80	0.25	0.8		
			2	3.00	0.75	0.25	1.1		
	4th Cross Road								
			2	2.00	2.00	0.25	2.0		
	Tatanagar 5th Cross Road		2	262.00	0.60	0.40	125.76		
	Road Side		2	118.00	0.25	0.15	8.85		
	New RCC Drain								
	Lottegollahalli Main Road		1	55.00	1.10	0.95	57.48		
			1	30.00	1.10	0.95	31.35		
	RHS From Devinagra Junction to towards Jalagaradamma temple		1	157.00	1.10	0.95	164.07		
	LHS From Devinagra Junction to towards Jalagaradamma temple		1	203.00	1.10	1.00	223.30		
	10th Cross Road		1	72.00	1.10	0.95	75.24		
	LKR Nagara Main Road		1	88.00	1.10	1.00	96.80		
	LHS From SWD to towards Devinagara Main Road		1	246.00	1.10	1.10	297.66		
	Culvert		1	270.00	1.10	1.00	297.00		

BOQ Item No	Description of Item	Unit	Nos	Length	Bredth	Depth	Quantity	Rate in Rs	Amount in Rs
				m	m	m			
	LHS From Railway Gate to Towards SWD Drain		1	248.00	1.10	0.90	245.52		
	LHS From Devinagar Road to Towards Kannooramma temple Road		1	140.00	1.10	0.95	146.30		
	Kannuramma Arch Road		2	162.50	1.10	0.85	303.88		
	CP Layout , 2nd Cross Road		1.00	205.00	1.10	0.90	202.95		
	Badrappa Layout-A2B Back Side								
	4th Cross		1	176.00	1.10	0.85	164.56		
	Uday Residency Appartment - A2B Back Side								
	Between 7th and 7th A Cross		2	26.00	0.95	1.05	51.87		
	Between 7th and 6th Cross		2	24.00	0.95	1.05	47.88		
	Ramky Shubam Apartment								
	8th Cross		1	124.00	1.10	0.85	115.94		
	Kodigehalli Main Road From Gangamma Temple to Ganesha Temple		1	227.00	1.20	1.00	272.40		
	3rd Cross Road (Perpendicular to Ram Mandhir Road)		2	50.00	1.10	0.90	99.00		
	Maruthinagar 8th A croos		2	130.00	1.10	0.90	257.40		
	7th'A' Cross Behind A2B		2	103.80	1.10	0.85	194.11		
	Railway Parallel Road								
	From 14th Main to		2	68.00	0.90	0.75	91.80		
			1	10.30	1.60	1.50	24.72		
	Culvert								
	Lottegollahalli Main Road		1	8.50	1.60	1.50	20.40		
			1	12.00	1.60	1.30	24.96		
			1	12.70	1.60	1.30	26.42		
			1	9.50	1.60	1.50	22.80		
	Lottegollahalli Main Road								
	Main Road Culvert		1	8.20	1.60	1.40	18.37		
	RHS From Devinagra Junction to towards Jalagaradamma temple		1	7.30	1.60	1.50	17.52		
	LHS From Devinagra Junction to towards Jalagaradamma temple		1	7.00	1.60	1.30	14.56		
			1	5.80	1.60	1.20	11.14		
	LHS From SWD to towards Devinagara Main Road		1	9.50	1.60	1.20	18.24		
			1	8.30	1.60	1.20	15.94		
			1	6.00	1.60	1.20	11.52		
	RHS From SWD to towards Devinagara Main Road		1	6.10	1.60	1.05	10.25		
			1	5.50	1.60	1.05	9.24		
	Kannuramma Road								
	LHS								
			1	5.50	1.30	1.15	8.22		
			1	5.30	0.60	0.40	1.27		
	RHS								
			1	6.00	1.15	1.15	7.94		
			1	4.60	1.15	1.15	6.08		
			1	12.70	0.45	0.40	2.29		
			1	5.00	1.15	1.15	6.61		
			1	5.50	1.15	1.15	7.27		
			1	5.00	1.00	1.00	5.00		
			1	8.00	1.30	1.15	11.96		
	LKR nagar main Road								
	LHS From SWD to towards Devinagara Main Road		1	243.00	0.23	0.30	16.77		
	RHS From SWD to towards Devinagara Main Road		1	270.00	0.23	0.30	18.63		

BOQ Item No	Description of Item	Unit	Nos	Length	Bredth	Depth	Quantity	Rate in Rs	Amount in Rs
				m	m	m			
	LKR nagar main Road- Excavation for Saucer Drain								
	From Railway Gate to Towards SWD Drain		1	255.00	0.40	0.30	30.60		
			1	284.00	0.25	0.30	21.30		
	From Aster Compound End to Sanjeevini Nagara								
	RCC New Drain								
	CH 300-349		1	49.00	1.10	1.00	53.90		
	CH 357-401		1	44.00	1.10	1.00	48.40		
			1	91.00	1.10	1.15	115.12		
	CH 406-522		1	116.00	1.10	1.00	127.60		
	RCC Culvert								
	@ 1st Main Road (CH 349-357)		1	7.00	1.30	1.00	9.10		
	Culvert (On Road Surface)		1	10.00	1.60	1.10	17.60		
	Culvert (On Road Surface)		1	8.00	1.60	1.10	14.08		
	Culvert (On Road Surface)		1	7.50	1.60	1.10	13.20		
	SSM Culvert								
	@ 2nd Cross Road		1	5.00	1.70	0.90	7.65		
	@ 2nd Main Road (CH 401-406)		1	5.00	1.70	0.90	7.65		
			1	13.00	1.70	1.20	26.52		
			1	10.00	1.70	0.90	15.30		
			1	9.50	1.70	0.90	14.54		
	Fixing of Existing Pole		225	0.45	0.45	0.60	27.34		
	For Footpath								
	From NH to Sanjivininagara								
	CH 0-100		1	100.00	1.00	0.30	30.00		
	CH 100-200		1	100.00	1.00	0.30	30.00		
	CH 200-300		1	100.00	1.00	0.30	30.00		
	From Shanthivana Katte to Sanjeevini Nagara								
	Tree Guard		9	2.50	0.20	0.20	0.90		
	Shoulder Drain								
	SD1		1	2.30	0.60	0.40	0.55		
	SD2		1	4.20	0.60	0.40	1.01		
	Drain Desilt								
	Shanthivana Katte @Flagging Coarse		1	17.00	0.45	0.70	5.36		
	From Gadwin Public School Impact Polytechnic								
	Fixing of Existing Pole		60	0.45	0.45	0.60	7.29		
	For Compund Wall								
	New Columns								
	Opposite to Gadwin Public School		9	1.00	1.00	1.20	10.80		
	at Military Ground Inside		16	1.00	1.00	1.20	19.20		
	For SSM								
	Opposite to Gadwin Public School		1	35.00	0.80	1.05	29.40		
	at Military Ground Inside		1	63.00	0.80	1.05	52.92		
	Pipe Suporting Concrete Wall @ Culvert		2	0.60	0.50	1.30	0.78		
	For Rain Water Harvesting Pit								
			1	1.54		3.00	4.62		
			1	1.54		2.75	4.23		
	Footpath Concrete		1	23.00	1.70	0.30	11.73		
	From NH to Sanjivininagara								
	Over Burdan Earth		1	30.00	6.00	1.00	180.00		

BOQ Item No	Description of Item	Unit	Nos	Length	Bredth	Depth	Quantity	Rate in Rs	Amount in Rs
				m	m	m			
			1	45.00	6.00	0.85	229.50		
			1	25.00	5.00	0.65	81.25		
	From Godwins Public School								
	Over Burdan Earth		1	40.00	5.00	1.00	200.00		
			1	25.00	4.80	0.80	96.00		
			1	30.00	5.00	0.75	112.50		
							9609.49	**202.30**	**19,44,000.27**
5	KSRB 4-1.2: Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.465 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No.4.2 of PW,P&IWTD S.R 2016-17)								
	New RCC Drain	**Cu-m**							
	Lottegollahalli Main Road		1	55.00	1.10	0.10	6.05		
			1	30.00	1.10	0.10	34.40		
	RHS From Devinagra Junction to towards Jalagaradamma temple		1	157.00	1.10	0.10	17.27		
	LHS From Devinagra Junction to towards Jalagaradamma temple		1	203.00	1.10	0.10	22.33		
	10th Cross Road		1	72.00	1.10	0.10	7.92		
	LKR Nagara Main Road		1	88.00	1.10	0.10	9.68		
	LHS From SWD to towards Devinagara Main Road		1	246.00	1.10	0.10	27.06		
	RHS From SWD to towards Devinagara Main Road		1	270.00	1.10	0.10	29.70		
	LKR Nagar Main Road								
	LHS From Railway Gate to Towards SWD Drain		1	248.00	1.10	0.10	27.28		
	LHS From Devinagar Road to Towards Kannooramma temple Road		1	140.00	1.10	0.10	15.40		
	Kannuramma Arch Road		2	162.50	1.10	0.10	35.75		
	CP Layout , 2nd Cross Road		1	205.00	1.10	**0.10**	22.55		
	Badrappa Layout-A2B Back Side								
	4th Cross		2	176.00	1.10	0.10	29.32		
	Uday Residency Appartment - A2B Back Side								
	Between 7th and 7th A Cross		2	26.00	0.95	0.10	4.94		
	Between 7th and 6th Cross		2	24.00	0.95	0.10	4.56		
	Ramky Shubam Apartment								
	8th Cross		1	124.00	1.10	0.10	13.64		
	Kodigehalli Main Road From Gangamma Temple to Ganesha Temple		1	227.00	1.15	0.15	39.16		
	3rd Cross Road (Perpendicular to Ram Mandhir Road)		2	50.00	1.05	0.15	15.75		
	Maruthinagar 8th A croos		2	130.00	1.10	0.10	28.60		
	7th'A' Cross Behind A2B		2	103.80	1.10	0.15	34.25		
	From 14th Main to 5A Main		2	68.00	0.85	0.15	17.34		
	Behind G.R Kalyana Mantapa, Badrappa Layout								
	7th Cross Road		2	132.00	1.10	0.10	29.04		
	4th Cross Road		1	188.00	1.10	0.10	20.68		
	Culvert								

BOQ Item No	Description of Item	Unit	Nos	Length	Bredth	Depth	Quantity	Rate in Rs	Amount in Rs
				m	m	m			
	Lottegollahalli Main Road		1	8.50	1.60	0.15	2.04		
			1	12.00	1.60	0.15	2.88		
			1	12.70	1.60	0.15	3.05		
			1	9.50	1.60	0.15	2.28		
	Lottegollahalli Main Road		1	8.20	1.60	0.15	1.97		
	RHS From Devinagra Junction to towards Jalagaradamma temple		1	7.30	1.60	0.15	1.75		
	LHS From Devinagra Junction to towards Jalagaradamma temple		1	7.00	1.60	0.15	1.68		
			1	5.80	1.60	0.15	1.39		
	LHS From SWD to towards Devinagara Main Road		1	9.50	1.60	0.20	3.04		
			1	8.30	1.60	0.20	2.66		
			1	6.00	1.60	0.15	1.44		
	RHS From SWD to towards Devinagara Main Road		1	6.10	1.60	0.15	1.46		
			1	5.50	1.60	0.15	1.32		
	Kannuramma Road								
	LHS		1	5.50	1.30	0.15	1.07		
	RHS								
			1	6.00	1.15	0.15	1.04		
			1	4.60	1.15	0.15	0.79		
			1	5.00	1.15	0.15	0.86		
			1	5.50	1.15	0.15	0.95		
			1	5.00	0.90	0.15	0.68		
			1	8.00	1.30	0.15	1.56		
	A2B Back Side								
	7th Cross		1	5.00	1.80	0.15	1.35		
	Devinagar Main Road								
	5th Cross		1	5.00	1.80	0.15	1.35		
	4th Cross		1	5.00	1.80	0.15	1.35		
	9th Main Road								
	Road Beside Krishna Gokula Hotel		1	5.00	1.50	0.15	1.13		
	Maruthinagr 2nd Stage 2nd B Cross		1	5.50	1.50	0.15	1.24		
	Maruthinagr 1st Stage - 2nd B Cross		1	4.50	1.50	0.15	1.01		
	Lottegollahalli 8th Cross		1	7.30	1.50	0.15	1.64		
	Balaji Layout		1	5.50	1.10	0.15	0.91		
	Devinagar 1st Main Road		1	7.30	1.10	0.15	1.20		
	For Culvert		1	10.30	1.40	0.15	2.16		
	For Flagging Coarse								
	LKR nagar main Road								
	LHS From SWD to towards Devinagara Main Road		1	243.00	0.23	0.10	5.59		
	RHS From SWD to towards Devinagara Main Road		1	270.00	0.23	0.10	6.21		
	LKR nagar main Road-Excavation for Saucer Drain								
	From Railway Gate to Towards SWD Drain		1	255.00	0.40	0.10	10.20		
			1	284.00	0.25	0.10	7.10		
	For Flagging Coarse								
	8th cross DeviNagara		4	90.00	0.29	0.10	10.26		
	Tatanagar 5th Cross Road								
	Building side		2	116.00	0.20	0.10	4.64		
	Road Side		2	116.00	0.25	0.10	5.80		
	For Drain Bed								

BOQ Item No	Description of Item	Unit	Nos	Length	Bredth	Depth	Quantity	Rate in Rs	Amount in Rs
				m	m	m			
	Ward No-08 Entrance to 20th Cross Road		1	121.00	0.90	0.13	14.16		
	14th Main Road (From Auto Stand)		1	86.00	0.90	0.13	10.06		
	13th Main Road (sparkle Beauty spa)		1	180.00	0.90	0.13	21.06		
	Road								
	7th'A' Cross Behind A2B		1	111.00	2.78	0.15	46.29		
	Maruthinagar 8thA Cross		1	130.00	4.80	0.15	93.60		
	Road Beside Krishna Gokula Hotel		1	50.00	4.50	0.15	33.75		
	From Aster Compound End to Sanjeevini Nagara								
	RCC New Drain								
	CH 300-349		1	49.00	1.10	0.15	8.09		
	CH 357-401		1	44.00	1.10	0.15	7.26		
			1	91.00	1.10	0.15	15.02		
	CH 406-522		1	116.00	1.10	0.15	19.14		
	RCC Culvert								
	@ 1st Main Road (CH 349-357)		1	7.00	1.30	0.15	1.37		
	Culvert (On Road Surface)		1	10.00	1.60	0.15	2.40		
	Culvert (On Road Surface)		1	8.00	1.60	0.15	1.92		
	Culvert (On Road Surface)		1	7.50	1.60	0.15	1.80		
	SSM Culvert								
	@ 2nd Cross Road		1	5.00	1.70	0.15	1.28		
	@ 2nd Main Road (CH 401-406)		1	5.00	1.70	0.15	1.28		
			1	13.00	1.70	0.15	3.32		
			1	10.00	1.70	0.15	2.55		
			1	9.50	1.70	0.15	2.42		
	Fixing of Existing Pole		225	0.45	0.45	0.15	6.83		
	For Footpath								
	From NH to Sanjivininagara								
	CH 0-100		1	100.00	1.00	0.10	10.00		
	CH 100-200		1	100.00	1.00	0.10	10.00		
	CH 200-300		1	100.00	1.00	0.10	10.00		
	From Shanthivana Katte to Sanjeevini Nagara								
	Tree Guard		9	2.50	0.20	0.10	0.45		
	Shoulder Drain								
	SD1		1	2.30	0.60	0.10	0.14		
	SD2		1	4.20	0.60	0.10	0.25		
	For Flagging Coarse								
	Shanthivana Katte @Flagging Coarse		1	17.00	0.20	0.10	0.34		
	In CC Road		3	3.50	0.20	0.10	0.21		
			1	2.90	0.20	0.10	0.06		
			1	2.70	0.20	0.10	0.05		
			1	3.20	0.20	0.10	0.06		
			1	4.80	0.20	0.10	0.10		
			1	4.60	0.20	0.10	0.09		
	From Gadwin Public School Impact Polytechnic								
	Fixing of Existing Pole		60	0.45	0.45	0.15	1.82		
	For Compund Wall								
	New Columns								

BOQ Item No	Description of Item	Unit	Nos	Length	Bredth	Depth	Quantity	Rate in Rs	Amount in Rs
				m	m	m			
	Opposite to Gadwin Public School		9	1.00	1.00	0.15	1.35		
	at Military Ground Inside		16	1.00	1.00	0.15	2.40		
	For SSM								
	Opposite to Gadwin Public School		1	35.00	0.80	0.15	4.20		
	at Military Ground Inside		1	63.00	0.80	0.15	7.56		
	Pipe Suporting Concrete Wall @ Culvert		2	0.60	0.50	0.15	0.09		
	Bed								
	For Rain Water Harvesting Pit								
			1	1.54		0.15	0.23		
			1	1.54		0.15	0.23		
	Footpath Concrete		1	23.00	1.70	0.15	5.87		
							938.80	**5,608.71**	**52,65,435.66**
6	Providing laying plain/ reinforced cement concrete M20 Grade for Box Drain walls of thickness 10cm to 20cm including centering shuttering for work etc. complete as per approved drawing and design MORTH specification No. 1500, 1700, 2200. (P.No.265, I.No.37.59.2 of PW, P&IWTD SR 2016-17)								
	New RCC Drain	**Cu-m**							
	Raft								
	Lottegollahalli Main Road		1	55.00	0.90	0.15	7.43		
			1	30.00	0.90	0.15	4.05		
	RHS From Devinagra Junction to towards Jalagaradamma temple		1	157.00	0.90	0.15	21.20		
	LHS From Devinagra Junction to towards Jalagaradamma temple		1	203.00	0.90	0.15	27.41		
	10th Cross Road		1	72.00	0.90	0.15	9.72		
	LKR Nagara Main Road		1	88.00	0.90	0.15	11.88		
	LHS From SWD to towards Devinagara Main Road		1	246.00	0.90	0.15	33.21		
	RHS From SWD to towards Devinagara Main Road		1	270.00	0.90	0.15	36.45		
	LHS From Railway Gate to Towards SWD Drain		1	248.00	0.90	0.15	33.48		
	LHS From Devinagar Road to Towards Kannooramma temple Road		1	140.00	0.90	0.15	18.90		
	Kannuramma Arch Road		2	163.00	0.90	0.15	44.01		
	CP Layout , 2nd Cross Road		1	205.00	0.90	0.15	27.68		
	4th Cross		1	176.00	0.90	0.15	23.76		
	Between 7th and 7th A Cross		2	26.00	0.75	0.15	5.85		
	Between 7th and 6th Cross		2	24.00	0.75	0.15	5.40		
	Ramky Shubam Apartment								
	8th Cross		1	124.00	0.90	0.15	16.74		
	Kodigehalli Main Road From Gangamma Temple to Ganesha Temple		1	227.00	1.00	0.15	34.05		
	3rd Cross Road (Perpendicular to Ram Mandhir Road)		2	50.00	0.85	0.15	12.75		
	Maruthinagar 8th A croos		2	130.00	0.90	0.15	35.10		
			2	103.80	0.90	0.15	28.03		
	Behind G.R Kalyana Mantapa, Badrappa Layout								
	7th Cross Road		2	132.00	0.90	0.15	35.64		

BOQ Item No	Description of Item	Unit	Nos	Length	Bredth	Depth	Quantity	Rate in Rs	Amount in Rs
				m	m	m			
	4th Cross Road		1	188.00	0.90	0.15	25.38		
	Side Wall								
	Lottegollahalli Main Road		2	55.00	0.15	0.65	10.73		
			2	30.00	0.15	0.60	5.40		
	RHS From Devinagra Junction to towards Jalagaradamma temple		2	157.00	0.15	0.60	28.26		
	LHS From Devinagra Junction to towards Jalagaradamma temple		2	203.00	0.15	0.75	45.68		
	10th Cross Road		2	72.00	0.15	0.65	14.04		
	LKR Nagara Main Road		2	88.00	0.15	0.75	19.80		
	LHS From SWD to towards Devinagara Main Road		2	246.00	0.15	0.75	55.35		
	RHS From SWD to towards Devinagara Main Road		2	270.00	0.15	0.70	56.70		
	LHS From Railway Gate to Towards SWD Drain		2	248.00	0.15	0.60	44.64		
	LHS From Devinagar Road to Towards Kannooramma temple Road		2	140.00	0.15	0.70	29.40		
	Kannuramma Arch Road		4	163.00	0.15	0.63	61.61		
			2	205.00	0.15	0.61	37.58		
	4th Cross		2	176.00	0.15	0.60	31.68		
	Between 7th and 7th A Cross		4	26.00	0.15	0.75	11.70		
	Between 7th and 6th Cross		4	24.00	0.15	0.60	8.64		
	Ramky Shubam Apartment								
	8th Cross		2	124.00	0.15	0.65	24.18		
	Kodigehalli Main Road From Gangamma Temple to Ganesha Temple		2	227.00	0.15	0.65	44.27		
	3rd Cross Road (Perpendicular to Ram Mandhir Road)		4	50.00	0.15	0.65	19.50		
			4	130.00	0.15	0.64	49.70		
	7th'A' Cross Behind A2B		4	103.80	0.15	0.60	37.37		
	7th Cross Road		4	132.00	0.15	0.60	47.52		
	4th Cross Road		2	188.00	0.15	0.65	36.66		
	Raft								
	Lottegollahalli Main Road		1	8.20	1.40	0.25	2.87		
	RHS From Devinagra Junction to towards Jalagaradamma temple		1	7.30	1.40	0.25	2.56		
	LHS From Devinagra Junction to towards Jalagaradamma temple		1	7.00	1.40	0.25	2.45		
			1	5.80	1.40	0.25	2.03		
			1	5.00	0.90	0.25	1.13		
	Side Wall								
	Lottegollahalli Main Road		2	8.20	0.25	0.70	2.87		
	RHS From Devinagra Junction to towards Jalagaradamma temple		2	7.30	0.25	0.80	2.92		
	LHS From Devinagra Junction to towards Jalagaradamma temple		2	7.00	0.25	0.70	2.45		
			2	5.80	0.25	0.60	1.74		
			2	5.00	0.15	0.65	0.98		
	Deck Slab		126	1.20	0.60	0.25	22.68		
	From Aster Compound End to Sanjeevini Nagara								

BOQ Item No	Description of Item	Unit	Nos	Length	Bredth	Depth	Quantity	Rate in Rs	Amount in Rs
				m	m	m			
	RCC New Drain								
	Raft								
	CH 300-349								
	CH 357-401		1	49.00	0.90	0.15	6.62		
			1	44.00	0.90	0.15	5.94		
	CH 406-522		1	91.00	0.90	0.15	12.29		
	Wall		1	116.00	0.90	0.15	15.66		
	CH 300-349								
	CH 357-401		2	49.00	0.15	0.70	10.29		
			2	44.00	0.15	0.90	11.88		
	CH 406-522		2	91.00	0.15	0.90	24.57		
			2	116.00	0.15	0.70	24.36		
							1374.77	11,568.66	1,59,04,258.28
7	KSRB 4-6.1: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications. Specifcation No. KBS 4.6.2 (P.No.15, I.No.4.28 of PW, P&IWTD SR 2016-17)								
	Culvert	**Sq-m**							
			2	8.50		0.25	4.25		
			2	12.00		0.25	6.00		
			2	12.70		0.25	6.35		
			2	9.50		0.25	4.75		
	LHS From SWD to towards Devinagara Main Road		2	9.50		0.25	4.75		
			2	8.30		0.25	4.15		
			2	6.00		0.25	3.00		
	RHS From SWD to towards Devinagara Main Road		2	6.10		0.25	3.05		
			2	5.50		0.25	2.75		
	LHS		1	13.60		0.25	3.40		
	RHS								
			1	14.30		0.25	3.58		
			1	11.50		0.25	2.88		
			1	12.30		0.25	3.08		
			1	13.30		0.25	3.33		
	Balaji Layout								
			2	5.50		0.25	2.75		
			2	1.30		0.25	0.65		
	Devinagar 1st Main Road								
			2	7.30		0.25	3.65		
			2	1.30		0.25	0.65		
	Lottegollahalli 8th Cross								
			2	8.00		0.25	4.00		
			2	1.30		0.25	0.65		
	From Aster Compound End to Sanjeevini Nagara		Sqm						
	Culvert								
	For Raft								
	@ 1st Main Road (CH 349-357)		2	7.00		0.20	2.80		
	Culvert (On Road Surface)		2	10.00		0.20	4.00		
	Culvert (On Road Surface)		2	8.00		0.20	3.20		
	Culvert (On Road Surface)		2	7.50		0.20	3.00		
	For Compund Wall								
	New Columns								
	For Raft								
	Opposite to Gadwin Public School		9	3.60		0.45	14.58		
	at Military Ground Inside		16	3.60		0.45	25.92		
	For Plinth Beam								
	Opposite to Gadwin Public School		1	35.00		0.45	15.75		

BOQ Item No	Description of Item	Unit	Nos	Length	Bredth	Depth	Quantity	Rate in Rs	Amount in Rs
				m	m	m			
	at Military Ground Inside		1	63.00		0.45	28.35		
	For Coping Concrete								
	Opposite to Gadwin Public School		1	35.00		0.10	3.50		
	at Military Ground Inside		1	63.00		0.10	6.30		
	Pipe Suporting Concrete Wall @ Culvert		2	2.20		1.20	5.28		
							180.33		
						Up to 125%	95.69	256.76	24,569.36
						Above 125%	84.64	251.28	21,267.94
8	KSRB 4-6.4: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surfaces such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification No.KBS 4.6.2 (P.No.15, I.No.4.31 of PW,P&IWTD SR 2016-17)								
	Culvert	**Sq-m**							
			4	8.50		0.90	30.60		
			4	12.00		0.80	38.40		
			4	12.70		0.80	40.64		
			4	9.50		0.80	30.40		
	LHS From SWD to towards Devinagara Main Road		4	9.50		0.80	30.40		
			4	8.30		0.75	24.90		
			4	6.00		0.75	18.00		
	RHS From SWD to towards Devinagara Main Road		4	6.10		0.60	14.64		
			4	5.50		0.80	17.60		
	LHS		4	5.50		0.75	16.50		
	RHS								
			4	6.00		0.75	18.00		
			4	4.60		0.75	13.80		
			4	5.00		0.75	15.00		
			4	5.50		0.75	16.50		
	Side Wall								
	Balaji Layout		4	5.50		0.60	13.20		
	Devinagar 1st Main Road		4	7.30		0.85	24.82		
	Lottegollahalli 8th Cross		4	8.00		0.75	24.00		
	From Aster Compound End to Sanjeevini Nagara								
	Culvert								
	For Walls								
	From Aster Compound End to Sanjeevini Nagara								
	@ 1st Main Road (CH 349-357)		4	7.00		0.65	18.20		
	Culvert (On Road Surface)		4	10.00		0.75	30.00		
	Culvert (On Road Surface)		4	8.00		0.75	24.00		
	Culvert (On Road Surface)		4	7.50		0.75	22.50		
	For Compund Wall								
	New Columns								
	Below Plinth Beam								
	Opposite to Gadwin Public School		9	1.10		0.60	5.94		
	at Military Ground Inside		16	1.10		0.60	10.56		
	Column Above Plinth Beam								
	Opposite to Gadwin Public School		9	1.10		2.30	22.77		
	at Military Ground Inside		16	1.10		2.30	40.48		
							561.85	325.67	1,82,977.69

BOQ Item No	Description of Item	Unit	Nos	Length	Bredth	Depth	Quantity	Rate in Rs	Amount in Rs
				m	m	m			
9	Providing and laying cement concrete using 20mm and downsize granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) for RCC works laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, with all lead and lifts etc., complete (exclusive of cpost of steel and fabricaton charges) Ready Mixed Cement Concrete M 20 for Raft foundation, Column, Footing, main and secondary beams. (P.No.18, I.No.4.48 of PW, P&IWTD SR 2016-17)								
	Culvert	**Cu-m**							
	Raft								
			1	8.50	1.40	0.25	2.98		
			1	12.00	1.40	0.25	4.20		
			1	12.70	1.40	0.25	4.45		
			1	9.50	1.40	0.25	2.38		
	LHS From SWD to towards Devinagara Main Road		1	9.50	1.40	0.25	3.33		
			1	8.30	1.40	0.25	2.91		
			1	6.00	1.40	0.25	2.10		
	RHS From SWD to towards Devinagara Main Road		1	6.10	1.40	0.25	2.14		
			1	5.50	1.40	0.25	1.38		
	LHS		1.00	5.50	1.10	0.25	1.51		
	RHS								
			1.00	6.00	0.95	0.25	1.43		
			1.00	4.60	0.95	0.25	1.09		
			1.00	5.00	0.95	0.25	1.19		
			1.00	5.50	0.95	0.25	1.31		
	Lottegollahalli 8th Cross		1.00	8.00	1.10	0.25	2.20		
	Side Wall								
			2	8.50	0.25	0.90	3.83		
			2	12.00	0.25	0.80	4.80		
			2	12.70	0.25	0.80	5.08		
			2	9.50	0.25	0.80	15.20		
	LHS From SWD to towards Devinagara Main Road		2	9.50	0.25	0.80	3.80		
			2	8.30	0.25	0.75	3.11		
			2	6.00	0.25	0.75	2.25		
	RHS From SWD to towards Devinagara Main Road		2	6.10	0.25	0.60	1.83		
			2	5.50	0.25	0.80	8.80		
	LHS		2.00	5.50	0.25	0.75	2.06		
	RHS								
			2.00	6.00	0.25	0.75	2.25		
			2.00	4.60	0.25	0.75	1.73		
			2.00	5.00	0.25	0.75	1.88		
			2.00	5.50	0.25	0.75	2.06		
			2.00	8.00	0.25	0.75	3.00		
	LKR nagar Road Saucer Drain								
	From Railway Gate to Towards SWD Drain		1	255.00	0.40	0.10	10.20		
			1	284.00	0.25	0.10	7.10		
	LKR nagar main Road								
	LHS From SWD to towards Devinagara Main Road		1	243.00	0.23	0.10	5.59		
	RHS From SWD to towards Devinagara Main Road		1	270.00	0.23	0.10	6.21		
	From Aster Compound End to Sanjeevini Nagara								
	Culvert		Cum						
	For Raft								
	@ 1st Main Road (CH 349-357)		1.00	7.00	1.10	0.20	1.54		
	Culvert (On Road Surface)		1.00	10.00	1.40	0.20	2.80		
	Culvert (On Road Surface)		1.00	8.00	1.40	0.20	2.24		

BOQ Item No	Description of Item	Unit	Nos	Length	Bredth	Depth	Quantity	Rate in Rs	Amount in Rs
				m	m	m			
	Culvert (On Road Surface)		1.00	7.50	1.40	0.20	2.10		
	For Walls								
	@ 1st Main Road (CH 349-357)		2.00	7.00	0.20	0.65	1.82		
	Culvert (On Road Surface)		2.00	10.00	0.20	0.75	3.00		
	Culvert (On Road Surface)		2.00	8.00	0.20	0.75	2.40		
	Culvert (On Road Surface)		2.00	7.50	0.20	0.75	2.25		
	Culvert Deck Slab								
	@ 2nd Main Road (CH 401-406)		1.00	5.00	1.20	0.25	1.50		
	For Compund Wall								
	For Plinth Beam								
	Opposite to Gadwin Public School		1.00	35.00	0.25	0.45	3.94		
	at Military Ground Inside		1.00	63.00	0.25	0.45	7.09		
	New Columns								
	For Raft								
	Opposite to Gadwin Public School		9.00	0.90	0.90	0.45	3.28		
	at Military Ground Inside		16.00	0.90	0.90	0.45	5.83		
	Below Plinth Beam								
	Opposite to Gadwin Public School		9.00	0.30	0.25	0.75	0.51		
	at Military Ground Inside		16.00	0.30	0.25	0.75	0.90		
	Above Plinth Beam								
			9.00	0.30	0.25	2.30	1.55		
			16.00	0.30	0.25	2.30	2.76		
	Pipe Suporting Concrete Wall @ Culvert		2.00	0.60	0.50	1.20	0.72		
							171.56	**6,534.60**	**11,21,053.10**
10	KSRB - 4.9.2: Providing TMT steel Fe500 reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3. with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work								
	Consider 50 Kgs/cum for item No. 8 only RCC Drain Qty	Tonne	1	1,374.77	0.050	--	68.74		
	Consider 50 Kgs/cum for item No. 7 only RCC Culvert and Compound Wall Qty		1	171.56	0.050	--	8.58		
							77.25	**62,300.47**	**48,12,485.47**
11	Providing granite Slabs of Selected quality roughly dressed and fixed in cement mortor (1:6) including fixing curing etc,. Complete. 10cms thick (P.No.25, I.No.5.31.2 of PW, P&IWTD SR 2016-17)								
	Lottegollahalli main Road	**Sq-m**							
	RHS From Devinagra Junction to towards Jalagaradamma temple		1	54.00	0.90		48.60		
	LHS From Devinagra Junction to towards Jalagaradamma temple		1	157.00	0.90		141.30		
	LHS Lottegollahalli Main Road To Ring Road		1	48.00	0.90		43.20		
	Lottegollahalli main Road Drain								
	Lottegollahalli Main Road-10th Cross Road		1	72.00	0.90		64.80		

BOQ Item No	Description of Item	Unit	Nos	Length m	Bredth m	Depth m	Quantity	Rate in Rs	Amount in Rs
	Lkr Nagara main Road								
	LHS From Railway Gate to Towards SWD Drain		1	88.10	0.90		79.29		
	LHS From SWD to towards Devinagara Main Road		1	258.00	0.90		232.20		
	RHS From SWD to towards Devinagara Main Road		1	241.00	0.90		216.90		
	LKR Nagar main Road								
	LHS From Railway Gate to Towards SWD Drain		1	248.20	0.90		223.38		
	8th cross DeviNagara		2	30.00	1.80		108.00		
			2	80.00	0.90		144.00		
	Lottegollahalli main Road - Missing Slab								
	RHS From Devinagra Junction to towards Jalagaradamma temple		1	34.00	1.50		51.00		
	7th cross Devinagara-Missing Slabs		1	16.00	0.90		14.40		
			1	12.00	0.90		10.80		
	6th cross Devinagara-Missing Slabs		1	28.00	0.90		25.20		
			1	20.00	0.90		18.00		
	2nd cross Lottegollahalli-Missing Slabs		1	21.00	0.90		18.90		
			1	19.00	0.90		17.10		
	Hanumayya Layout								
	1st Cross Road		2	11.00	1.20		26.40		
	2nd Cross Road		1	15.00	0.90		13.50		
	3rd Cross Road		2	16.00	0.90		28.80		
	4th Cross Road		2	21.00	0.90		37.80		
	AK Colony Main Road		2	31.65	0.70		44.31		
	Maruthinagr 8th A Cross		2	117.00	0.90		210.60		
	Behind G.R Kalyana Mantapa, Badrappa Layout								
	7th Cross		2	95.00	0.90		171.00		
	Intelli Solution Road		1	40.00	1.80		72.00		
	5th A Cross		2	28.00	1.20		67.20		
	5th B Cross		2	15.00	1.20		36.00		
	3rd A Cross		2	22.00	0.90		39.60		
	3rd B Cross		1	16.00	0.90		14.40		
			1	24.00	0.90		21.60		
							2240.28	**867.87**	**19,44,271.80**
12	KSRB 5-9 : Providing chamfering edges to stone slab 2.5 cms. wide as per specifications, (only chamfered length shall be recorded) KBS 5.1.13 (P.No.24, I.No.5.22 of PW,P&IWTD SR 2016-17)								
	Lottegollahalli main Road	**Sq-m**							
	RHS From Devinagra Junction to towards Jalagaradamma temple		142		3.00		426.00		
	LHS From Devinagra Junction to towards Jalagaradamma temple		262		3.00		786.00		
	LHS Lottegollahalli Main Road To Ring Road		127		3.00		381.00		
	Lottegollahalli main Road Drain						0.00		
	Lottegollahalli Main Road-10th Cross Road		120		3.00		360.00		
	Lkr Nagara main Road								

BOQ Item No	Description of Item	Unit	Nos	Length m	Bredth m	Depth m	Quantity	Rate in Rs	Amount in Rs
	LHS From Railway Gate to Towards SWD Drain		147		3.00		441.00		
	LHS From SWD to towards Devinagara Main Road		430		3.00		1,290.00		
	RHS From SWD to towards Devinagara Main Road		433		3.00		1,299.00		
	LKR Nagar main Road						0.00		
	LHS From Railway Gate to Towards SWD Drain		415		3.00		1,245.00		
	8th cross DeviNagara		50		3.00		150.00		
			133		3.00		400.00		
	Lottegollahalli main Road - Missing Slab				3.00		3.00		
	RHS From Devinagra Junction to towards Jalagaradamma temple		57		3.00		170.00		
	7th cross Devinagara-Missing Slabs		27		3.00		80.00		
			6		3.00		18.00		
			14		4.50		63.00		
	6th cross Devinagara-Missing Slabs		47		3.00		140.00		
			33		3.00		100.00		
	2nd cross Lottegollahalli-Missing Slabs		35		3.00		105.00		
			32		3.00		95.00		
	Maruthinagr 8th A Cross		390		3.00		1,170.00		
	Behind G.R Kalyana Mantapa, Badrappa Layout								
	7th Cross		438		3.00		1,314.00		
							10036.00	**38.90**	**3,90,400.40**
13	Providing One line dressing to granite stone slab/ granite stone masonry as per speciication (P.No.23, I.No.5.17 of PW,P&IWTD SR 2016-17)								
	Lottegollahalli main Road	**Sq-m**							
	RHS From Devinagra Junction to towards Jalagaradamma temple		142	0.60	0.90		76.68		
	LHS From Devinagra Junction to towards Jalagaradamma temple		262	0.60	0.90		141.48		
	LHS Lottegollahalli Main Road To Ring Road		127	0.60	0.90		68.58		
	Lottegollahalli main Road Drain								
	Lottegollahalli Main Road-10th Cross Road		120	0.60	0.90		64.80		
	Lkr Nagara main Road								
	LHS From Railway Gate to Towards SWD Drain		147		0.90		132.30		
	LHS From SWD to towards Devinagara Main Road		430		0.90		387.00		
	RHS From SWD to towards Devinagara Main Road		433		0.90		389.70		
	LKR Nagar main Road								
	LHS From Railway Gate to Towards SWD Drain		415	0.60	0.90		224.10		
	8th cross DeviNagara		2	80.00	0.90		144.00		
	Lottegollahalli main Road - Missing Slab								
	RHS From Devinagra Junction to towards Jalagaradamma temple		1	34.00	1.50		51.00		

BOQ Item No	Description of Item	Unit	Nos	Length	Bredth	Depth	Quantity	Rate in Rs	Amount in Rs
				m	m	m			
	7th cross Devinagara-Missing Slabs		1	16.00	0.90		14.40		
			1	12.00	0.90		10.80		
	6th cross Devinagara-Missing Slabs		1	28.00	0.90		25.20		
			1	20.00	0.90		18.00		
	2nd cross Lottegollahalli-Missing Slabs		1	21.00	0.90		18.90		
			1	19.00	0.90		17.10		
	Maruthinagr 8th A Cross		2	127.00	0.90		228.60		
	Behind G.R Kalyana Mantapa, Badrappa Layout								
	7th Cross		2	140.00	0.90		252.00		
							2264.64	**605.78**	**13,71,873.62**
14	KSRB 5.2-3: Providing and constructing granite size stone masonry in foundation cement mortor 1:6, stone hammered dressed in courses not less than 20cms high, bond stones at 2m. apart in each course including cost of materaials, labour, curing complete as per specifications. Specifcation No. KBS 5.1.13. (P.No.23, I.No.5.6 of PW, P&IWTD S.R 2016-17)								
	Culvert Rising	**Cum**							
	1st Cross Road		2	4.30	0.45	0.60	2.32		
	2nd Cross Road		2	4.90	0.45	0.60	4.41		
	3rd Cross Road		2	5.50	0.45	0.60	4.95		
	4th Cross Road		2	4.30	0.45	0.60	3.87		
			2	7.00	0.23	0.45	3.22		
	8th cross DeviNagara		2	81.00	0.45	0.45	32.81		
	Road Side		2	137.00	0.23	0.23	14.49		
	Parapet Wall for Bridge		2	4.10	0.45	0.60	2.21		
	Culvert								
	A2B Back Side								
	7th Cross		2	5.00	0.60	0.75	4.50		
	Devinagar Main Road								
	5th Cross		2	5.00	0.60	0.75	4.50		
	4th Cross		2	5.00	0.60	0.75	4.50		
	Road Beside Krishna Gokula Hotel								
			2	5.00	0.45	0.60	2.70		
	Maruthinagr 2nd Stage 2nd B Cross								
			2	5.50	0.45	0.60	2.97		
	Maruthinagr 1st Stage - 2nd B Cross								
			2	4.50	0.45	0.60	2.43		
	Lottegollahalli 8th Cross								
			2	7.30	0.45	0.60	3.94		
	Railway Parallel Road								
	From 14th Main to 5th A main								
	For Flagging Course		2	163.00	0.45	0.23	33.74		
	For Culvert		2	10.30	0.45	0.80	7.42		
	For Compund Wall		Cum						
	For SSM								
	1st Step								
	Opposite to Gadwin Public School		1	35.00	0.60	0.60	12.60		
	at Military Ground Inside		1	63.00	0.60	0.60	22.68		
	2nd Step								
	Opposite to Gadwin Public School		1	35.00	0.45	0.45	7.09		
	at Military Ground Inside		1	63.00	0.45	0.45	12.76		
	SSM Culvert								

BOQ Item No	Description of Item	Unit	Nos	Length	Bredth	Depth	Quantity	Rate in Rs	Amount in Rs
				m	m	m			
	@ 2nd Cross Road		2	5.00	0.45	0.60	2.70		
	@ 2nd Main Road (CH 401-406)		2	5.00	0.45	0.60	2.70		
			2	13.00	0.45	0.85	9.95		
			2	10.00	0.45	0.60	5.40		
			2	9.50	0.45	0.60	5.13		
							212.76	**4,653.92**	**9,90,189.43**
15	KSRB 5-11 : Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4(P.No.24, I.No.5.26.2 of PW, P&IWTD SR 2016-17)								
	8th cross DeviNagara	Sq-m	2	81.00		0.45	72.90		
	Building side		2	120.00		0.40	96.00		
	9th Main Road								
	Ward No-08 Entrance to 20th Cross Road		2	110.00		0.20	44.00		
			2	30.00		0.40	24.00		
	Shoulder Drain		9	2.70		0.20	4.86		
	Railway Parallel Road								
	From 14th Main to 5th A main								
	For Flagging Course		2	225.00		0.20	90.00		
	Maruthinagr Badrappa Layout 2nd Main Road		2	153.00		0.60	183.60		
	Badrappa Layout								
	1st Main Road		2	12.00		0.60	14.40		
	From National Highway to Shanthivana Katte		Sq-m						
	In CC Road		3	3.50		0.20	2.10		
			1	2.90		0.20	0.58		
			1	2.70		0.20	0.54		
			1	3.20		0.20	0.64		
			1	4.80		0.20	0.96		
			1	4.60		0.20	0.92		
	From Shanthivanakatte to Sanjeevininagara								
	Tree Guard		9	2.50		0.20	4.50		
	Shoulder Drain								
	SD1		2	2.30		0.20	0.92		
	SD2		2	4.20		0.20	1.68		
	Shanthivana Katte @Flagging Coarse		1	17.00		0.40	6.80		
	For Flagging Coarse @ Ch 445 to 459		2	14.00		0.20	5.60		
	For Compund Wall								
	Opposite to Gadwin Public School		1	35.00		2.10	73.50		
	at Military Ground Inside		1	63.00		2.10	132.30		
							760.80	**1,008.15**	
						Up to 125%	**730.00**	**1008.15**	**7,35,949.50**
						Above 125%	**30.80**	**986.61**	**30,387.56**
16	KSRB 15.1.1 Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. (P.No.113, I.No.15.1 of PW, P&IWTD S.R 2016-17)								
	8th cross DeviNagara	**Sq-m**	2	81.00		0.45	72.90		
	Culvert Rising								
	1st Cross Road		2	4.30		0.60	5.16		

BOQ Item No	Description of Item	Unit	Nos	Length	Bredth	Depth	Quantity	Rate in Rs	Amount in Rs
				m	m	m			
	2nd Cross Road		2	4.90		0.60	5.88		
	3rd Cross Road		2	5.50		0.60	6.60		
	4th Cross Road		2	4.30		0.60	5.16		
	Road Side		2	137.00		0.23	63.02		
	Parapet Wall for Bridge		4	4.10		0.60	9.84		
	Railway Parallel Road								
	From 14th Main to 5th A main								
	For Flagging Course		2	163.00		0.23	74.98		
	For Culvert		2	10.30		0.80	16.48		
							260.02	**107.82**	**28,035.36**
17	KSRB 4-1.6: Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No.4.6 of PW,P&IWTD S.R 2016-17)								
	8th cross DeviNagara	Cu-m	4	81.00	0.33	0.08	8.02		
	Ramp								
	3rd Cross Road (Perpendicular to Ram Mandhir Road)		1	50.00	0.20	0.08	0.75		
			1	50.00	0.20	0.08	0.75		
	Kodigehalli Main Road From Gangamma Temple to Ganesha Temple		1	227.00	0.30	0.12	8.17		
	Culvert Rising								
	1st Cross Road		2	4.30	0.45	0.08	0.29		
			2	4.30	0.45	0.10	0.39		
	2nd Cross Road		2	4.90	0.45	0.08	0.33		
			2	4.90	0.45	0.10	0.44		
	3rd Cross Road		2	5.50	0.45	0.08	0.37		
			2	5.50	0.45	0.10	0.50		
	4th Cross Road		2	4.30	0.45	0.08	0.29		
			2	4.30	0.45	0.10	0.39		
	Devinagar								
	CP Layout, 2nd Cross		1	186.00	0.15	0.10	2.79		
	A2B Back Side								
	4th Cross		1	161.40	0.15	0.10	2.42		
	Building side		2	120.00	0.15	0.08	2.70		
	Road Side		2	113.00	0.23	0.08	3.90		
	Culvert Ramp								
	A2B Back Side								
	7th Cross		2	5.00	0.90	0.10	0.90		
	Devinagar Main Road								
	5th Cross		2	5.00	0.90	0.10	0.90		
	4th Cross		2	5.00	0.90	0.10	0.90		
	Culvert Ramp								
	Road Beside Krishna Gokula Hotel		1	5.00	0.90	0.10	0.45		
	Maruthinagr 2nd Stage 2nd B Cross		1	5.50	0.90	0.10	0.50		
	Maruthinagr 1st Stage - 2nd B Cross								
			1	4.50	0.90	0.10	0.41		
	Lottegollahalli 8th Cross		1	7.30	0.90	0.10	0.66		
	Balaji Layout		1	5.50	0.90	0.10	0.50		
	Devinagar 1st Main Road		1	7.30	0.90	0.10	0.66		
	Railway Parallel Road								
	From 14th Main to 5A Main								
	Coping Concrete								

BOQ Item No	Description of Item	Unit	Nos	Length	Bredth	Depth	Quantity	Rate in Rs	Amount in Rs
				m	m	m			
	For Flagging Course		2	237.00	0.45	0.08	16.00		
	For Culvert		2	10.30	0.45	0.10	0.93		
	Railway Parallel Road								
	For Footpath Designer Tiles bed Concrete								
			1	323.00	0.60	0.10	19.38		
	Maruthinagr Badrappa Layout 2nd Main Road		1	138.00	0.15	0.08	1.55		
	Culvert Ramp		1	8.00	0.90	0.10	0.72		
	From Aster Compound End to Sanjeevini Nagara								
	Culvert		Cum						
	Ramp								
	@ 1st Main Road (CH 349-357)		1	7.00	0.90	0.10	0.63		
	@ 2nd Main Road (CH 401-406)		1	5.00	0.90	0.10	0.45		
	@ 2nd Cross Road		1	5.00	0.90	0.10	0.45		
	Culvert (On Road Surface)		1	10.00	0.90	0.10	0.90		
	Culvert (On Road Surface)		1	8.00	0.90	0.10	0.72		
	Fixing of Existing Pole		225	0.45	0.45	0.45	20.50		
	For Footpath								
	From NH to Sanjivininagara								
	CH 0-100		1	100.00	0.85	0.15	12.75		
	CH 100-200		1	100.00	0.85	0.15	12.75		
	CH 200-300		1	100.00	0.85	0.15	12.75		
	From Shanthivana Katte to Sanjeevini Nagara								
	Shoulder Drain								
	SD1		1	2.30	0.60	0.10	0.14		
	SD2		1	4.20	0.60	0.10	0.25		
	Coping Concrete								
	Shanthivana Katte @Flagging Coarse		1	17.00	0.15	0.10	0.26		
	Shoulder Drain								
	SD1		2	2.30	0.15	0.10	0.07		
	SD2		2	4.20	0.15	0.10	0.13		
	For Flagging Coarse @ Ch 445 to 459								
	@ Bottom		1	14.00	0.15	0.10	0.21		
	@ Top		1	14.00	0.15	0.10	0.21		
	Concrete b/w Road and Footpath								
	From NH to Sanjivininagara								
	CH 0-100		1	100.00	0.10	0.15	1.50		
	CH 100-200		1	100.00	0.10	0.15	1.50		
	CH 200-300		1	100.00	0.10	0.15	1.50		
	From Gadwin Public School Impact Polytechnic								
	Fixing of Existing Pole		60	0.45	0.45	0.45	5.47		
	For Compund Wall								
	For Coping Concrete								
	Opposite to Gadwin Public School		1	35.00	0.25	0.10	0.88		
	at Military Ground Inside		1	63.00	0.25	0.10	1.58		
	Footpath Concrete		1	23.00	1.70	0.15	5.87		
							158.375	**6,047.76**	
						Up to 125%	**155.89**	**6047.76**	**9,42,785.31**
						Above 125%	**2.48**	**5918.57**	**14,705.42**

BOQ Item No	Description of Item	Unit	Nos	Length	Bredth	Depth	Quantity	Rate in Rs	Amount in Rs
				m	m	m			
18	KSRRB M400-19: Construction of Median and island above road level with approved material deposited from borrowpits, spread, sloped and compacted as per Clause 400.7 complete as per specifications. MORTH Specification No.407 (P.No154 of I.No.20.20 in PW,P&IWTD SR 2014-15)								
	Railway Parallel Road	Cu-m							
	For Footpath Designer Tiles-LHS								
			1	323.00	0.60	0.20	38.76		
	From Shanthivana Katte to Sanjevininagara.								
			1	2.20	3.90	0.20	1.72		
			1	3.00	5.00	0.20	3.00		
			1	4.10	4.50	0.20	3.69		
			1	3.70	1.80	0.20	1.33		
			1	2.67	7.00	0.20	3.73		
			1	2.70	3.70	0.20	2.00		
	CH 0-75		1	75.00	1.00	0.20	15.00		
	CH 75-91.5		1	16.60	1.15	0.20	3.82		
	CH 0-8		1	8.00	0.96	0.20	1.53		
	CH 8-19		1	11.00	1.40	0.20	3.08		
	CH 19-67		1	48.00	1.26	0.20	12.12		
	Tea shop side Footpath		1	3.40	1.40	0.20	0.95		
			1	5.00	2.00	0.20	2.00		
			1	5.00	2.60	0.20	2.60		
			1	5.00	3.20	0.20	3.20		
			1	5.00	3.75	0.20	3.75		
			1	5.00	4.15	0.20	4.15		
							106.43	**218.97**	**23,305.56**
19	Providing and laying/fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement, including cost of materials, including cutting, griding the edge to half/full round wherever required, labour, curing complete as per specification.(P.No.109, I.No.14.62 of PW,P&IWTD S.R 2016-17))								
	9th Main Road	Sq-m							
	Ward No-08 Entrance to 20th Cross Road		R/S	1.00	121.00	0.90	108.90		
	Sahakara Nagar Park								
	Tiled Foot Path								
	14th Main Road (From Auto Stand)		L/S	1.00	86.00	0.90	77.40		
	13th Main Road (sparkle Beauty spa)		R/S	1.00	180.00	0.90	162.00		
	Railway Parallel Road								
	For Footpath Designer Tiles-LHS								
	139.00		154	1.00	323.00	0.6	193.80		
	Sahakaranagar Park								
	Opposite to Ganesha Temple								
	Yoga Centre		1	25.00	3.00		75.00		
	Gym Center		1	30.00	7.50		225.00		
							842.10	**1,205.99**	**10,15,564.18**

BOQ Item No	Description of Item	Unit	Nos	Length	Bredth	Depth	Quantity	Rate in Rs	Amount in Rs
				m	m	m			
20	Providing and fixing RCC Precast cover slab of 100mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)								
	Devinagar Main Road	**Sq-m**							
	LHS From Lottegollahalli Main Road to Ring Road		1	146.60	0.90		131.94		
	LHS From Devinagar Road to Towards Kannooramma temple Road		1	140.00	0.90		126.00		
	Devinagra Main Road								
	RHS From Lottegollahalli Main Road to Ring Road		1	38.00	0.90		34.20		
	Kannuramma Arch Road								
			1	142.00	0.90		127.80		
			1	186.00	0.75		139.35		
	CP Layout , 2nd Cross Road		1	173.00	0.90		155.70		
	4th Cross		1	126.00	0.90		113.40		
	Uday Residency Appartment - A2B Back Side								
	Between 7th and 7th A Cross		1	20.00	0.90		18.00		
	Between 7th and 6th Cross		2	20.00	0.90		36.00		
	Ramky Shubam Apartment								
	8th Cross		1	116.00	0.90		104.40		
	3rd Cross Road (Perpendicular to Ram Mandhir Road)								
			2	47.00	0.90		84.60		
	Hanumayya Layout 5th Main Road								
			2	120.00	0.90		216.00		
	9th Main Road								
	From Ward No 8. Entrance to 20th Cross Road		1	124.00	0.90		111.60		
			1	115.50	0.90		103.95		
			1	120.00	1.20		144.00		
	Behind G.R Kalyana Mantapa, Badrappa Layout								
	4th Cross		1	175.00	0.90		157.50		
	7th'A' Cross Behind A2B		2	89.45	**0.90**		161.01		
	Railway Parallel Road								
	From 14th Main		1	482.00	1.20		578.40		
	SahakarNagara D& C Block-								
	8th Main(From 16th E Cross to 1st Main)								
			1	15.00	0.90		13.50		
			1	13.80	0.90		12.42		
	9th Main-From 1st Main to 16th E Cross								
			1	21.00	0.90		18.90		
			1	17.50	0.90		15.75		
	10th Main-From 16th E Cross to 16th Cross								
			1	12.00	0.90		10.80		
			1	13.50	0.90		12.15		
	11th Main-From 16th Cross to 16th E Cross								
			1	14.00	0.90		12.60		
			1	9.00	0.90		8.10		
	10th Cross-From 13th main to 9th Main								

BOQ Item No	Description of Item	Unit	Nos	Length m	Bredth m	Depth m	Quantity	Rate in Rs	Amount in Rs
			1	12.50	0.90		11.25		
			1	10.00	1.80		18.00		
	12thMain-From 11th Cross to 14th Cross								
			1	10.00	0.90		9.00		
			1	8.00	0.90		7.20		
	12th Cross-From 9th Main to 12th Main								
			1	9.00	0.90		8.10		
			1	4.00	0.90		3.60		
	13th Cross-From 9th Main to 12th Main								
			1	7.50	0.90		6.75		
			1	10.50	0.90		9.45		
	Maruthinagr Badrappa Layout 2nd Main Road		1	153.00	1.20		183.60		
	Badrappa Layout								
	1st Main Road		2	10.00	1.20		24.00		
	Cover Slab								
	From Aster Compound End to Sanjeevini Nagara								
	CH 300-349		1	49.00	0.90		44.10		
	CH 357-401		1	44.00	0.90		39.60		
			1	91.00	0.90		81.90		
	CH 406-522		1	116.00	0.90		104.40		
	Shoulder Drain								
	SD1		1	2.30	0.75		1.73		
	SD2		1	4.20	0.60		2.52		
	Missing Slabs		12	0.60	0.90		6.48		
							3209.75	**1,780.52**	**57,15,015.17**
21	Providing and fixing **RCC Precast cover slab of 250mm thick** for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)								
	Culvert	**Sq-m**							
			1	8.50	1.50	--	12.75		
			1	12.00	1.50	--	18.00		
			1	12.70	1.50	--	19.05		
			1	9.50	1.50	--	14.25		
			1	5.80	1.50	--	8.70		
			1	8.00	1.20	--	9.60		
	LHS From SWD to towards Devinagara Main Road		1	9.50	1.50	--	14.25		
			1	8.30	1.50	--	12.45		
			1	6.00	1.50	--	9.00		
	RHS From SWD to towards Devinagara Main Road		1	6.10	1.50	--	9.15		
			1	5.50	1.50	--	8.25		
			1	5.50	1.50	--	8.25		
			1	6.00	1.50	--	9.00		
			1	4.60	1.50	--	6.90		
			1	5.00	1.50	--	7.50		
			1	5.50	1.50	--	8.25		
	Lottegollahalli main Road Drain Raft Concrete								
	Main Road Culvert		1	8.20	1.50	--	12.30		
	RHS From Devinagra Junction to towards Jalagaradamma temple		1	7.30	1.50	--	10.95		

BOQ Item No	Description of Item	Unit	Nos	Length	Bredth	Depth	Quantity	Rate in Rs	Amount in Rs
				m	m	m			
	LHS From Devinagra Junction to towards Jalagaradamma temple		1	7.00	1.50	--	10.50		
	A2B Back Side					--			
	7th Cross		1	5.00	1.50	--	7.50		
	Devinagar Main Road								
	5th Cross		1	5.00	1.50	--	7.50		
	4th Cross		1	5.00	1.50	--	7.50		
	Kodigehalli Main Road From Gangamma Temple to Ganesha Temple					--			
			1	48.00	1.20	--	57.60		
			1	97.00	0.90	--	87.30		
	1st Cross Road		1	4.30	1.20	--	5.16		
	2nd Cross Road		1	4.90	1.20	--	5.88		
	3rd Cross Road		1	5.50	1.20	--	6.60		
	4th Cross Road		1	4.30	1.20	--	5.16		
	Road Beside Krishna Gokula Hotel		1	5.00	1.50	--	7.50		
	Maruthinagr 2nd Stage 2nd B Cross		1	5.50	1.50	--	8.25		
	Maruthinagr 1st Stage - 2nd B Cross								
			1	4.50	1.50	--	6.75		
	Lottegollahalli 8th Cross		1	7.30	1.50	--	10.95		
	Balaji Layout		1	5.50	1.50	--	8.25		
	Devinagar 1st Main Road		1	7.30	1.50	--	10.95		
	Railway Parallel Road					--			
			1	10.30	1.50	--	15.45		
			1	8.00	1.50	--	12.00		
						--			
	From Aster Compound End to Sanjeevini Nagara								
	Culvert Slab								
	@ 1st Main Road (CH 349-357)		1	7.00	1.50	--	10.50		
	Culvert (On Road Surface)		1	10.00	1.20	--	12.00		
	Culvert (On Road Surface)		1	8.00	1.20	--	9.60		
	Culvert (On Road Surface)		1	7.50	1.20	--	9.00		
	SSM Culvert								
	@ 2nd Cross Road		1	5.00	1.50	--	7.50		
			1	13.00	1.50	--	19.50		
			1	10.00	1.50	--	15.00		
			1	9.50	1.50	--	14.25		
							576.75	**4,995.53**	**28,81,171.93**
22	Providing and fixing Pre cast solid concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including formwork, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete (P.No.25, I.No.5.30 of PW,P&IWTD S.R 2016-17)								
	Lkr Nagara main Road	**Nos**							
	RHS From Devinagra Junction to towards Jalagaradamma temple		1	85.00			85.00		
	LHS From Devinagra Junction to towards Jalagaradamma temple		1	157.00			157.00		
	Lkr Nagara main Road								
	LHS From SWD to towards Devinagara Main Road		1	251.00			251.00		
	RHS From SWD to towards Devinagara Main Road		1	263.00			263.00		

BOQ Item No	Description of Item	Unit	Nos	Length	Bredth	Depth	Quantity	Rate in Rs	Amount in Rs
				m	m	m			
	Devinagra Main Road								
	LHS From Lottegollahalli Main Road to Ring Road		1	76.20			76.20		
	LKR Nagar Main Road								
	LHS From Railway Gate to Towards SWD Drain		1	336.30			336.30		
	Devinagar								
	CP Layout, 2nd Cross		1	160.00			160.00		
	A2B Back Side								
	4th Cross		1	129.70			129.70		
	Maruthinagr Badrappa Layout 2nd Main Road		1	155.00			155.00		
	Behind G.R Kalyana Mantapa, Badrappa Layout								
	7th Cross		2	140.00			280.00		
	Tatanagar 5th Cross		2	108.00			216.00		
	Sahakaranagar Park								
	Opposite to Ganesha Temple								
	Yoga Centre		1	31.00			31.00		
	Gym Center		2	35.00			70.00		
	Badrappa Layout- A2B Back Side								
	4th Cross		1	155.00			155.00		
	9th Main Road								
	Ward No-08 Entrance to 20th Cross Road		1	128.00			128.00		
			1	337.00			337.00		
	For Footpath								
	From NH to Sanjivininagara								
	CH 0-100		1	100.00			100.00		
	CH 100-200		1	100.00			100.00		
	CH 200-300		1	100.00			100.00		
	From Shanthivana Katte to Sanjevininagara.								
			1	206.00			206.00		
							3336.20		
							7414.00	**347.90**	**25,79,330.60**
23	Removing and Resetting of Kerb Stones (P.No.258, I.No.37.57 of PW,P&IWTD S.R 2015-16)								
	Sahakara Nagar Park	**m**							
	Tiled Foot Path								
	14th Main Road (From Auto Stand)		1	100.00			100.00		
	Railway Parallel Road								
	From 14th Main to		1	211.00			211.00		
							311.00	**68.91**	**21,431.01**
24	KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8 (P.No.179, I.No. 24.1 of PW,P&IWTD SR 2015-16)								
	Devinagra Main Road	Sq-m							
	LHS From Lottegollahalli Main Road to Ring Road		1	76.20		0.35	26.67		
	LKR nagar main Road								
	LHS From Railway Gate to towards SWD		1	336.60		0.35	117.81		
	Lottegollahalli main Road								

BOQ Item No	Description of Item	Unit	Nos	Length	Bredth	Depth	Quantity	Rate in Rs	Amount in Rs
				m	m	m			
	LHS From Devinagra Junction to towards Jalagaradamma temple		1	85.00		0.35	29.75		
	RHS From Devinagra Junction to towards Jalagaradamma temple		1	157.00		0.35	54.95		
	LHS From SWD to towards Devinagara Main Road		1	251.00		0.30	75.30		
	RHS From SWD to towards Devinagara Main Road		1	263.00		0.30	78.90		
	Railway Parallel Road								
	From 14th Main								
			1.00	337.00		0.35	117.95		
			1.00	211.00		0.35	73.85		
	For Footpath								
	From NH to Sanjivininagara								
	CH 0-100		1.00	100.00		0.35	35.00		
	CH 100-200		1.00	100.00		0.35	35.00		
	CH 200-300		1.00	100.00		0.35	35.00		
	From Shanthivana Katte to Sanjevininagara.								
			1.00	206.00		0.35	72.10		
							752.28	**66.69**	**50,169.48**
25	KSRRB M300-14. Excavation for roadwork in soil with hydraulic excavator of 0.90 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to embankment location and complete as per specifications. MORTH Specification No.301 (P.No.143, I.No.19.14 of PW,P&IWTD S.R 2016-17)								
	LHS From Devinagra Junction to towards Jalagaradamma temple	**Cu-m**	1	332.00	1.72	0.30	171.31		
	RHS From Devinagra Junction to towards Jalagaradamma temple		1	66.00	0.70	0.30	13.86		
	Lkr Nagara main Road								
	LHS From SWD to towards Devinagara Main Road		1	316.00	2.30	0.30	218.04		
	RHS From SWD to towards Devinagara Main Road		1	315.00	1.20	0.30	113.40		
	LKR Nagar Main Road								
	LHS From Railway Gate to Towards SWD Drain		1	368.00	2.30	0.30	253.92		
	RHS From Railway Gate to Towards SWD Drain		1	50.00	0.60	0.25	7.50		
	Devinagra Main Road								
	LHS From Lottegollahalli Main Road to Ring Road		1	357.00	1.90	0.30	203.49		
	RHS From Lottegollahalli Main Road to Ring Road		1	357.00	0.63	0.25	55.78		
	LKR nagar main Road								
	RHS From Railway Gate to Towards SWD Drain		1	253.00	0.50	0.30	37.95		
	AK Colony 1st **Cross Road**								
			1	118.6	1.20	0.25	35.6		
	Road Portion								
	Maruthinagar 8thA Cross		1	130.00	4.80	0.30	187.20		
	Road Beside Krishna Gokula Hotel		1	50.00	4.50	0.30	67.50		
	Intelli Solution Road		1	85.00	5.00	0.30	127.50		
	Bad Reaches								
	2nd A Cross Road		1	19.00	0.50	0.23	2.19		

BOQ Item No	Description of Item	Unit	Nos	Length	Bredth	Depth	Quantity	Rate in Rs	Amount in Rs
				m	m	m			
			2	13.00	0.72	0.23	4.31		
			1	5.00	3.00	0.23	3.45		
	Ramp		1	2.80	5.00	0.23	3.22		
	3rd A Cross Road								
			2	1.00	1.50	0.20	0.60		
			2	14.00	0.30	0.20	1.68		
			1	7.00	0.40	0.20	0.56		
			1	1.00	1.50	0.20	0.30		
	7th A Cross Road								
			1	3.00	3.00	0.20	1.80		
			1	4.00	1.20	0.20	0.96		
	Maruthinagar 2nd Stage								
	Badrappa Layout								
	1st B Cross Road		1	104.50	5.60	0.25	146.30		
	4th Cross Road		1	181.50	5.45	0.25	247.29		
	Road CUT								
	5th Cross Road		1	175.00	1.30	0.25	56.88		
	6th Cross Road		1	162.00	1.30	0.25	52.65		
	7th Cross Road		1	158.00	1.30	0.25	51.35		
	1st Main Road								
	B/W 7th A to 4th Cross Road		1	30.00	2.38	0.25	17.85		
	Bad Reaches								
	Maruthinagar 1st Main Road								
			1	5.00	2.25	0.25	2.81		
			1	5.00	2.00	0.25	2.50		
			1	2.00	10.75	0.25	5.38		
	3rd A Cross Road								
			1	8.00	3.00	0.25	6.00		
			1	6.00	3.75	0.25	5.63		
			1	2.00	8.50	0.25	4.25		
			1	2.00	6.00	0.25	3.00		
	3rd B Cross Road								
			1	4.00	2.50	0.25	2.50		
			1	5.00	2.75	0.25	3.44		
			1	2.00	8.25	0.25	4.13		
			1	2.00	8.25	0.25	4.13		
	2nd A Cross Road								
			1	4.00	2.90	0.25	2.90		
			1	6.00	2.50	0.25	3.75		
			1	2.00	8.00	0.25	4.00		
			1	2.00	8.00	0.25	4.00		
	2nd B Cross Road								
			1	2.00	13.25	0.25	6.63		
			1	2.00	15.75	0.25	7.88		
	Concrete Road								
	7th'A' Cross Behind A2B		1	111.00	2.78	0.25	77.15		
	11th Cross-From 9th main to 13th Main								
			2	165.00	1.70	0.30	168.30		
	New Asphalt Road	Cum							
	Full Width								
	From NH to Sanjivininagara								
	CH 0-100		1	100.00	9.00	0.30	270.00		
	CH 100-200		1	100.00	9.00	0.30	270.00		
	CH 200-300		1	100.00	9.00	0.30	270.00		
	CH 300-360		1	60.00	9.00	0.30	162.00		
	CH 445-460		1	15.00	9.00	0.30	40.50		
	CH 460-475		1	15.00	11.00	0.30	49.50		
	CH 475-477		1	2.00	8.00	0.30	4.80		
	CH 477-492		1	15.00	9.00	0.30	40.50		
	CH 492-507		1	15.00	8.00	0.30	36.00		

BOQ Item No	Description of Item	Unit	Nos	Length	Bredth	Depth	Quantity	Rate in Rs	Amount in Rs
				m	m	m			
	CH 507-530		1	23.00	8.00	0.30	55.20		
	Gadwin Public School to Amco Layout								
	CH 215-570		1	305.00	8.00	0.30	732.00		
			1	55.00	6.00	0.30	99.00		
	Road CUT								
	Shanthivana Road		1	210.00	1.60	0.30	100.80		
	Shanthivana 1st Cross Road		1	328.00	2.00	0.30	196.80		
	BAD REACHES								
	Shanthivana 2nd Cross Road		7	1.50	0.60	0.30	1.89		
			8	1.00	0.80	0.30	1.92		
	New CC Road								
	CH 361-376		1	15.00	9.15	1.10	150.98		
	CH 376-391		1	15.00	10.20	1.10	168.30		
	CH 391-406		1	15.00	10.45	1.10	172.43		
	CH 406-421		1	15.00	8.90	1.10	146.85		
	CH 421-436		1	15.00	7.40	1.10	122.10		
	CH 436-443.5		1	7.50	7.00	1.10	57.75		
			1	8.10	6.60	1.10	58.81		
							5610.87	**162.28**	
						Up to 125%	**2987.04**	**162.28**	**4,84,736.85**
						Above 125%	**2623.83**	**158.81**	**4,16,703.38**
26	KSRRB M 400-17, Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechaniqal mix plant carriage ' of mixed Material by tipper to site, laying in uniform layers with paver in sub- base/ base course on well prepared surface and compacting with vibratory roller to achieve the desired density.complete as per specifications. MORTH Specification No. 406 (P.No.158, I.No.20.18 of PW,P&IWTD SR 2016-17)								
	LHS From Devinagra Junction to towards Jalagaradamma temple	**Cu-m**	1	332.00	1.72	0.23	131.34		
	RHS From Devinagra Junction to towards Jalagaradamma temple		1	66.00	0.70	0.23	10.63		
	Lkr Nagara main Road								
	LHS From SWD to towards Devinagara Main Road		1	316.00	2.30	0.23	167.16		
	RHS From SWD to towards Devinagara Main Road		1	315.00	1.20	0.23	86.72		
	LKR Nagar Main Road								
	LHS From Railway Gate to Towards SWD Drain		1	276.00	2.30	0.23	146.00		
	RHS From Railway Gate to Towards SWD Drain		1	50.00	0.60	0.23	6.90		
	Devinagra Main Road								
	LHS From Lottegollahalli Main Road to Ring Road		1	357.00	1.90	0.23	156.01		
	RHS From Lottegollahalli Main Road to Ring Road		1	357.00	0.63	0.23	51.32		
	LKR nagar main Road								
	LHS From Railway Gate to Towards SWD Drain		1	62.00	3.50	0.23	49.91		
	RHS From Railway Gate to Towards SWD Drain		1	241.00	0.50	0.23	27.72		
	AK Colony 1stCross Road								
			1.00	118.60	1.20	0.25	35.58		
	Bad Reaches								
	AK Colony 1stCross Road								

BOQ Item No	Description of Item	Unit	Nos	Length	Bredth	Depth	Quantity	Rate in Rs	Amount in Rs
				m	m	m			
			3.00	3.00	1.50	0.25	3.38		
			2.00	3.00	2.00	0.25	3.00		
	AK Colony Main Road								
			3.00	3.00	1.00	0.25	2.25		
			1.00	4.00	0.80	0.25	0.80		
			2.00	3.00	0.75	0.25	1.13		
	4th Cross Road								
			2.00	2.00	2.00	0.25	2.00		
	Road Portion								
	Intelli Solution Road		1.00	85.00	5.00	0.25	106.25		
	Bad Reaches								
	2nd A Cross Road		1.00	19.00	0.50	0.23	2.19		
			2.00	13.00	0.72	0.23	4.31		
			1.00	5.00	3.00	0.23	3.45		
	Ramp		1.00	2.80	5.00	0.20	2.80		
	3rd A Cross Road								
			2.00	1.00	1.50	0.23	0.69		
			2.00	14.00	0.30	0.23	1.93		
			1.00	7.00	0.40	0.23	0.64		
			1.00	1.00	1.50	0.23	0.35		
	7th A Cross Road								
			1.00	3.00	3.00	0.20	1.80		
			1.00	4.00	1.20	0.20	0.96		
	Maruthinagar 2nd Stage								
	Badrappa Layout								
	1st B Cross Road		1.00	104.50	5.60	0.25	146.30		
	4th Cross Road		1.00	181.50	5.45	0.25	247.29		
	Road CUT								
	5th Cross Road		1.00	175.00	1.30	0.25	56.88		
	6th Cross Road		1.00	162.00	1.30	0.25	52.65		
	7th Cross Road		1.00	158.00	1.30	0.25	51.35		
	1st Main Road								
	B/W 7th A to 4th Cross Road		1.00	30.00	2.38	0.25	17.85		
	Bad Reaches								
	Maruthinagar 1st Main Road								
			1.00	5.00	2.25	0.25	2.81		
			1.00	5.00	2.00	0.25	2.50		
			1.00	2.00	10.75	0.25	5.38		
	3rd A Cross Road								
			1.00	8.00	3.00	0.25	6.00		
			1.00	6.00	3.75	0.25	5.63		
			1.00	2.00	8.50	0.25	4.25		
			1.00	2.00	6.00	0.25	3.00		
	3rd B Cross Road								
			1.00	4.00	2.50	0.25	2.50		
			1.00	5.00	2.75	0.25	3.44		
			1.00	2.00	8.25	0.25	4.13		
			1.00	2.00	8.25	0.25	4.13		
	2nd A Cross Road								
			1.00	4.00	2.90	0.25	2.90		
			1.00	6.00	2.50	0.25	3.75		
			1.00	2.00	8.00	0.25	4.00		
			1.00	2.00	8.00	0.25	4.00		
	2nd B Cross Road								
			1.00	2.00	13.25	0.25	6.63		
			1.00	2.00	15.75	0.25	7.88		
	11th Cross-From 9th main to 13th Main								
			2.00	165.00	1.7	0.23	129.03		
	New Asphalt Road	Cum							
	Full Width								
	From NH to Sanjivininagara								

BOQ Item No	Description of Item	Unit	Nos	Length	Bredth	Depth	Quantity	Rate in Rs	Amount in Rs
				m	m	m			
	CH 0-100		1.00	100.00	9.00	0.23	207		
	CH 100-200		1.00	100.00	9.00	0.23	207		
	CH 200-300		1.00	100.00	9.00	0.23	207		
	CH 300-360		1.00	60.00	9.00	0.23	124.2		
	CH 445-460		1.00	15.00	9.00	0.23	31.05		
	CH 460-475		1.00	15.00	11.00	0.23	37.95		
	CH 475-477		1.00	2.00	8.00	0.23	3.68		
	CH 477-492		1.00	15.00	9.00	0.23	31.05		
	CH 492-507		1.00	15.00	8.00	0.23	27.6		
	CH 507-530		1.00	23.00	8.00	0.23	42.32		
	Gadwin Public School to Amco Layout								
	CH 215-570		1.00	305.00	8.00	0.23	561.2		
			1.00	55.00	6.00	0.23	75.90		
	Road CUT								
	Shanthivana Road		1.00	210.00	1.60	0.23	77.28		
	Shanthivana 1st Cross Road		1.00	328.00	2.00	0.23	150.88		
			1.00	328.00	4.00	0.15	196.8		
	BAD REACHES								
	Shanthivana 2nd Cross Road		7.00	1.50	0.60	0.23	1.449		
			8.00	1.00	0.80	0.23	1.472		
							3765.28	**1,854.01**	
						Up to 125%	**1719.20**	**1854.01**	**31,87,413.99**
						Above 125%	**2046.08**	**1814.40**	**37,12,415.02**
27	KSRRB M 500-6, Providing and applying primer coat with SS bitumen emulsion on prepared surface of granular Base such as WBM WMM including clearing of road surface and spraying primer at the rate of 0.60 kglsqm using mechanical means complete as per specif								
	Lottegollahalli Main Road	Sq-m							
	LHS From Devinagra Junction to towards Jalagaradamma temple		1	332.00	1.72		571.04		
	RHS From Devinagra Junction to towards Jalagaradamma temple		1	66.00	0.70		46.20		
	LKR nagar main Road								
	LHS From Railway Gate to Towards SWD Drain		1	178.00	2.30		409.40		
	UGD CUT Portion		1	95.00	2.00		190.00		
	RHS From Railway Gate to Towards SWD Drain		1	241.00	0.50		120.50		
	Devinagara Main Road								
	LHS From Lottegollahalli Main Road to Ring Road		1	356.80	1.90		677.92		
	RHS From Lottegollahalli Main Road to Ring Road		1	356.80	0.65		231.92		
	LKR nagar main Road								
	LHS From SWD Drain to Devinagara Main Road		1	315.00	2.30		724.50		
	RHS From SWD Drain to Devinagara Main Road		1	315.00	1.20		378.00		
	Bad Reaches								
	AK Colony 1st Cross Road								
			3	3.00	1.50		13.5		
			2	3.00	2.00		12.0		
	AK Colony Main Road								
			3	3.00	1.00		9.0		
			1	4.00	0.80		3.2		

BOQ Item No	Description of Item	Unit	Nos	Length	Bredth	Depth	Quantity	Rate in Rs	Amount in Rs
				m	m	m			
			2	3.00	0.75		4.5		
	4th Cross Road								
			2	2.00	2.00		8.0		
	Road Portion								
	Intelli Solution Road		1	85.00	5.00	--	425.00		
	Bad Reaches								
	2nd A Cross Road		1	19.00	0.50	--	9.50		
			2	13.00	0.72	--	18.72		
			1	5.00	3.00	--	15.00		
	Ramp		1	2.80	5.00	--	14.00		
	3rd A Cross Road								
			2	1.00	1.50	--	3.00		
			2	14.00	0.30	--	8.40		
			1	7.00	0.40	--	2.80		
			1	1.00	1.50	--	1.50		
	7th A Cross Road								
			1	3.00	3.00	--	9.00		
			1	4.00	1.20	--	4.80		
	Maruthinagar 2nd Stage								
	Badrappa Layout								
	1st B Cross Road		1	104.50	5.60		585.20		
	4th Cross Road		1	181.50	5.45		989.18		
	Road CUT								
	5th Cross Road		1	175.00	1.30		227.50		
	6th Cross Road		1	162.00	1.30		210.60		
	7th Cross Road		1	158.00	1.30		205.40		
	1st Main Road								
	B/W 7th A to 4th Cross Road		1	30.00	2.38		71.40		
	Bad Reaches								
	Maruthinagar 1st Main Road								
			1	5.00	2.25		11.25		
			1	5.00	2.00		10.00		
			1	2.00	10.75		21.50		
	3rd A Cross Road								
			1	8.00	3.00		24.00		
			1	6.00	3.75		22.50		
			1	2.00	8.50		17.00		
			1	2.00	6.00		12.00		
	3rd B Cross Road								
			1	4.00	2.50		10.00		
			1	5.00	2.75		13.75		
			1	2.00	8.25		16.50		
			1	2.00	8.25		16.50		
	2nd A Cross Road								
			1	4.00	2.90		11.60		
			1	6.00	2.50		15.00		
			1	2.00	8.00		16.00		
			1	2.00	8.00		16.00		
	2nd B Cross Road								
			1	2.00	13.25		26.50		
			1	2.00	15.75		31.50		
	11th Cross-From 9th main to 13th Main								
			2	165.00	1.70		561.00		
	For DBM								
	New Asphalt Road	Sqm							
	From NH to Sanjivininagara								
	CH 0-100		1	100.00	9.00	--	900.00		
	CH 100-200		1	100.00	9.00	--	900.00		
	CH 200-300		1	100.00	9.00	--	900.00		
	CH 300-360		1	60.00	9.00	--	540.00		
	CH 445-460		1	15.00	9.00	--	135.00		

BOQ Item No	Description of Item	Unit	Nos	Length	Bredth	Depth	Quantity	Rate in Rs	Amount in Rs
				m	m	m			
	CH 460-475		1	15.00	11.00	--	165.00		
	CH 475-477		1	2.00	8.00	--	16.00		
	CH 477-492		1	15.00	9.00	--	135.00		
	CH 492-507		1	15.00	8.00	--	120.00		
	CH 507-530		1	23.00	8.00	--	184.00		
	Gadwin Public School to Amco Layout								
			1	305.00	8.00	--	2440.00		
			1	55.00	6.00	--	330.00		
	Road CUT								
	Shanthivana Road		1	210.00	1.60	--	336.00		
	Shanthivana 1st Cross Road		1	328.00	2.00	--	656.00		
			1	328.00	4.00	--	1312.00		
	BAD REACHES								
	Shanthivana 2nd Cross Road		7	1.50	0.60	--	6.30		
			8	1.00	0.80	--	6.40		
							16134.98	**28.90**	
						Up to 125%	**6888.05**	**28.90**	**1,99,064.65**
						Above 125%	**9246.93**	**28.28**	**2,61,522.20**
28	KSRRB 500-2: Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatement including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH Spec, Chapter 5 (P.No.161, I.No.21.2 of PW,P&IWTD SR 2016-17)								
	Lottegollahalli Main Road	Sq-m							
	From Devinagra Junction to towards Jalagaradamma temple		1	403.50	7.20		2,905.20		
	LKR nagar main Road		1	250.00	9.20		2300.00		
	Devinagara Main Road		1	438.00	7.00		3066.00		
	8th cross DeviNagara		1	93.00	4.30		399.90		
	2nd cross Lottegollahalli		1	109.00	4.50		490.50		
	LKR nagar main Road								
	From Railway Gate to Towards SWD Drain		1	88.60	8.45		748.67		
	From SWD Drain to Devinagara Main Road		1	310.00	9.50		2945.00		
	1st Cross Road		1	23.50	3.90		91.65		
	2nd Cross Road		1	40.00	3.10		124.00		
	3rd Cross Road		1	54.00	3.80		205.20		
	4th Cross Road		1	67.00	3.90		261.30		
	6th Cross Road		1	100.00	4.20		420.00		
	6th A Cross Road		1	87.50	4.10		358.75		
	AK Colony Main Road		1	146.50	5.00		732.50		
	AK Colony Approach Road		1	14.20	4.90		69.58		
			1				60.00		
	AK Colony 1stCross Road		1	165.60	4.90		811.44		
	SRK School Road		1	105.10	3.90		409.89		
	2nd A Cross Road		1	64.50	5.00	--	322.50		
	3rd A Cross Road		1	55.50	5.10	--	283.05		
	3rd B Cross Road		1	73.00	4.80	--	350.40		
	4th A Cross Road		1	74.80	4.95	--	370.26		
	4th B Cross Road		1	39.00	4.61	--	179.79		
	5th A Cross Road		1	62.40	4.77	--	297.65		
	5th B Cross Road		1	38.60	5.00	--	193.00		
	6th A Cross Road		1	63.50	4.95	--	314.33		
	6th B Cross Road		1	63.00	5.35	--	337.05		
	7th A Cross Road		1	64.00	3.85	--	246.40		
	7th B Cross Road		1	71.70	4.90	--	351.33		
	8th B Cross Road		1	70.50	5.27	--	371.54		
	Maruthinagar 2nd Stage								
	Badrappa Layout								
	Maruthinagar 1st Main Road		1	82.50	7.00		577.50		

BOQ Item No	Description of Item	Unit	Nos	Length	Bredth	Depth	Quantity	Rate in Rs	Amount in Rs
				m	m	m			
	1st A cross Road		1	29.00	3.70		107.30		
	2nd A Cross Road		1	39.00	3.00		117.00		
	2nd B Cross Road		1	93.00	5.25		488.25		
	3rd A Cross Road		1	78.00	4.65		362.70		
	3rd B cross Road		1	85.10	5.27		448.48		
	5th cross Road		1	175.00	5.35		936.25		
	6th cross Road		1	162.50	5.85		950.63		
	7th cross Road		1	158.00	4.60		726.80		
	1st Main Road								
	B/W 7th A cross to 4th cross		1	97.00	5.90		572.30		
	SahakarNagara D& C Block								
	8th Main-From 16th E Cross to 1st Main		1	320.00	7.30		2,336.00		
	9th Main-From 1st Main to 16th E Cross		1	280.00	7.30		2,044.00		
	10th Main-From 16th E Cross to 16th Cross		1	150.00	6.00		900.00		
	11th Main-From 16th Cross to 16th E Cross		1	113.00	6.70		757.10		
	10th Cross-From 13th main to 9th Main		1	163.00	6.30		1,026.90		
	11th Cross-From 9th main to 13th Main		1	163.00	9.40		1,532.20		
	12thMain-From 11th Cross to 14th Cross		1	195.00	6.25		1,218.75		
	12th Cross-From 9th Main to 12th Main		1	116.00	6.40		742.40		
	13th Cross-From 9th Main to 12th Main		1	117.00	6.50		760.50		
	CQAL Layout								
	4th Main-From 20th Cross to 20th B Cross		1	207.00	5.00		1,035.00		
	16th CrossFrom 4th Main to 7th Main		1	130.00	5.00		650.00		
	17th Cross From 4th Main to 7th Main		1	62.00	4.85		300.70		
	18th Cross From 4th Main to 7th Main		1	72.00	5.00		360.00		
	19th Cross From 4th Main to 7th Main		1	90.00	7.90		711.00		
	Shanthivana Road		Sqm						
	Ch 0-210		1	210.00	10.00	---	2100.00		
	Shanthivana 2nd Cross Road		1	420.00	7.50	---	3150.00		
					Deduction of Prime Coat		**-5380.85**		
							39547.77	**3.33**	**1,31,694.07**
29	KSRRB M500-7 : Providing and applying tack coat using 80/100 grade bitumen (VG10) on *prepared black topped surfaces at 2.5 Kg per 10 sqm, heating bitumen in boiler fitted with* spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications.MORTH / Chapter 5 (P.No.161 I.No.21.7 of PW,P&IWTD SR of 2016-17)								
	For Laying DBM	Sq-m							
	Lottegollahalli Main Road								
	From Devinagra Junction to towards Jalagaradamma temple		1	403.50	7.20		2,905.20		
	For Laying DBM								
	LKR nagar main Road								
	From Railway Gate to Towards SWD Drain		1	88.60	8.10		717.66		

BOQ Item No	Description of Item	Unit	Nos	Length	Bredth	Depth	Quantity	Rate in Rs	Amount in Rs
				m	m	m			
	From SWD Drain to Devinagara Main Road		1	310.00	9.50		2945.00		
	For Laying DBM								
	1st Cross Road		4	3.00	2.50		30.00		
	2nd Cross Road		3	4.00	1.50		18.00		
	3rd Cross Road								
			2	4.00	2.00		16.00		
			2	8.00	1.00		16.00		
			2	5.00	2.50		25.00		
	4th Cross Road								
			3	3.00	2.00		18.00		
			2	9.00	0.80		14.40		
	6th Cross Road								
			1	20.00	2.50		50.00		
			2	8.00	2.50		40.00		
			1	12.00	1.50		18.00		
			2	10.00	2.00		40.00		
			2	8.00	2.00		32.00		
	6th A Cross Road								
			1	11.00	2.50		27.50		
			2	7.00	2.00		28.00		
			3	5.00	2.50		37.50		
			1	10.00	1.50		15.00		
			2	6.00	3.00		36.00		
	AK Colony Main Road								
			1	11.00	2.50		27.50		
			4	5.00	2.00		40.00		
			1	10.00	2.50		25.00		
			2	7.00	1.50		21.00		
			2	8.00	0.80		12.80		
	AK Colony 1stCross Road								
			1	116.20	1.24		144.09		
			2	10.00	2.00		40.00		
			2	7.00	1.00		14.00		
			2	8.00	2.50		40.00		
			2	6.00	2.00		24.00		
	SRK School Road								
			2	8.00	1.70		27.20		
			1	10.00	2.00		20.00		
			2	7.00	3.00		42.00		
			2	5.00	2.00		20.00		
	Bad Reaches								
	AK Colony 1stCross Road								
			3	3.00	1.50		13.50		
			2	3.00	2.00		12.00		
	AK Colony Main Road								
			3	3.00	1.00		9.00		
			1	4.00	0.80		3.20		
			2	3.00	0.75		4.50		
	4th Cross Road								
			2	2.00	2.00		8.00		
	For Laying DBM								
	Intelli Solution Road		1	85.00	5.00	--	425.00		
	Profile Correction								
	2nd A Cross Road		1	54.50	1.80	--	98.10		
	3rd A Cross Road		1	43.80	1.70	--	74.46		
	3rd B Cross Road		1	52.00	1.65	--	85.80		
	4th A Cross Road		1	51.80	1.70	--	88.06		
	4th B Cross Road		1	30.00	1.80	--	54.00		
	5th A Cross Road		1	57.40	1.72	--	98.73		
	5th B Cross Road		1	28.60	1.70	--	48.62		
	6th A Cross Road		1	53.50	1.80	--	96.30		
	6th B Cross Road		1	53.00	1.72	--	91.16		

BOQ Item No	Description of Item	Unit	Nos	Length	Bredth	Depth	Quantity	Rate in Rs	Amount in Rs
				m	m	m			
	7th A Cross Road		1	54.00	1.65	--	89.10		
	7th B Cross Road		1	55.70	1.80	--	100.26		
	8th B Cross Road		1	56.00	1.70	--	95.20		
	Bad Reaches								
	2nd A Cross Road		1	19.00	0.50	--	9.50		
			2	13.00	0.72	--	18.72		
			1	5.00	3.00	--	15.00		
	Ramp		1	2.80	5.00	--	14.00		
	3rd A Cross Road								
			2	1.00	1.50	--	3.00		
			2	14.00	0.30	--	8.40		
			1	7.00	0.40	--	2.80		
			1	1.00	1.50	--	1.50		
	7th A Cross Road								
			1	3.00	3.00	--	9.00		
			1	4.00	1.20	--	4.80		
	For Laying DBM								
	1st B Cross Road		1	104.50	5.60		585.20		
	4th Cross Road		1	181.50	5.45		989.18		
	5th Cross Road		1	175.00	5.36		938.00		
	Road CUT								
	6th Cross Road		1	162.00	1.30		210.60		
	7th Cross Road		1	158.00	1.30		205.40		
	1st Main Road								
	B/W 7th A to 4th Cross Road		1	30.00	2.38		71.40		
	Bad Reaches								
	Maruthinagar 1st Main Road								
			1	5.00	2.25		11.25		
			1	5.00	2.00		10.00		
			1	2.00	10.75		21.50		
	3rd A Cross Road								
			1	8.00	3.00		24.00		
			1	6.00	3.75		22.50		
			1	2.00	8.50		17.00		
			1	2.00	6.00		12.00		
	3rd B Cross Road								
			1	4.00	2.50		10.00		
			1	5.00	2.75		13.75		
			1	2.00	8.25		16.50		
			1	2.00	8.25		16.50		
	2nd A Cross Road								
			1	4.00	2.90		11.60		
			1	6.00	2.50		15.00		
			1	2.00	8.00		16.00		
			1	2.00	8.00		16.00		
	2nd B Cross Road								
			1	2.00	13.25		26.50		
			1	2.00	15.75		31.50		
	For DBM Laying								
	SahakarNagara D& C Block								
	8th Main-From 16th E Cross to 1st Main		1	104.00	1.50		156.00		
	9th Main-From 1st Main to 16th E Cross		1	127.00	1.50		190.50		
	10th Main-From 16th E Cross to 16th Cross		1	45.00	2.00		90.00		
	11th Main-From 16th Cross to 16th E Cross		1	15.00	3.75		56.25		
	10th Cross-From 13th main to 9th Main		1	45.00	2.38		107.10		
	11th Cross-From 9th main to 13th Main		1	118.00	1.82		214.76		
	12thMain-From 11th Cross to 14th Cross		1	59.00	1.70		100.30		

BOQ Item No	Description of Item	Unit	Nos	Length	Bredth	Depth	Quantity	Rate in Rs	Amount in Rs
				m	m	m			
	13th Cross-From 9th Main to 12th Main		1	66.00	1.75		115.50		
	CQAL Layout								
	4th Main-From 20th Cross to 20th B Cross		1	100.00	2.00		200.00		
	For Laying DBM								
	LKR nagar main Road		1	250.00	9.15		2287.50		
	Devinagara Main Road		1	442.80	6.95		3077.46		
	8th cross DeviNagara-Profile Correction		2	5.00	4.50		45.00		
			2	4.00	4.00		32.00		
	2nd cross Lottegollahalli-Profile Correction		2	6.00	2.75		33.00		
			2	8.00	2.40		38.40		
	For Laying BC								
	Lottegollahalli Main Road								
	From Devinagra Junction to towards Jalagaradamma temple		1	403.50	7.20		2,905.20		
	For Laying BC								
	LKR nagar main Road		1	250.00	9.15		2287.50		
	Devinagara Main Road		1	442.80	6.95		3077.46		
	8th cross DeviNagara		1	94.00	4.26		400.44		
	2nd cross Lottegollahalli		1	109.50	4.49		491.66		
	For Laying BC								
	LKR nagar main Road								
	From Railway Gate to Towards SWD Drain		1	88.60	8.10		717.66		
	From SWD Drain to Devinagara Main Road		1	310.00	9.50		2945.00		
	For Laying BC								
	1st Cross Road		1	23.50	3.80		89.30		
	2nd Cross Road		1	40.00	3.10		124.00		
	3rd Cross Road		1	54.00	3.80		205.20		
	4th Cross Road		1	67.00	3.90		261.30		
	6th Cross Road		1	100.00	4.20		420.00		
	6th A Cross Road		1	87.50	4.10		358.75		
	AK Colony Main Road		1	146.50	5.00		732.50		
	AK Colony Approach Road		1	14.20	4.90		69.58		
			1				60.00		
	AK Colony 1stCross Road		1	165.60	4.90		811.44		
	SRK School Road		1	105.10	3.90		409.89		
	Tack Coat for BC								
	Intelli Solution Road		1	85.00	5.00	--	425.00		
	2nd A Cross		1	64.50	5.00	--	322.50		
	3rd A Cross		1	55.50	5.00	--	277.50		
	3rd B Cross		1	73.00	4.80	--	350.40		
	4th A Cross		1	74.80	4.95	--	370.26		
	4th B Cross		1	39.00	4.60	--	179.40		
	5th A Cross		1	62.40	4.80	--	299.52		
	5th B Cross		1	38.60	5.00	--	193.00		
	6th A Cross		1	63.50	4.90	--	311.15		
	6th B Cross		1	63.00	5.35	--	337.05		
	7th A Cross		1	64.00	3.85	--	246.40		
	7th B Cross		1	71.70	4.90	--	351.33		
	8th B Cross		1	70.50	5.30	--	373.65		
	For laying BC								
	Maruthinagar 2nd Stage								

BOQ Item No	Description of Item	Unit	Nos	Length	Bredth	Depth	Quantity	Rate in Rs	Amount in Rs
				m	m	m			
	Badrappa Layout								
	Maruthinagar 1st Main Road		1	82.50	7.00		577.50		
	1st A cross Road		1	29.00	3.70		107.30		
	2nd A Cross Road		1	39.00	3.00		117.00		
	2nd B Cross Road		1	93.00	5.25		488.25		
	3rd A Cross Road		1	78.00	4.65		362.70		
	3rd B cross Road		1	85.10	5.27		448.48		
	5th cross Road		1	175.00	5.35		936.25		
	6th cross Road		1	162.50	5.85		950.63		
	7th cross Road		1	158.00	4.60		726.80		
	1st Main Road								
	B/W 7th A cross to 4th cross		1	97.00	5.90		572.30		
	1st B Cross Road		1	104.50	5.60		585.20		
	4th Cross Road		1	181.50	5.45		989.18		
	For BC Laying								
	SahakarNagara D& C Block								
	8th Main-From 16th E Cross to 1st Main		1	320.00	7.30		2,336.00		
	9th Main-From 1st Main to 16th E Cross		1	280.00	7.30		2,044.00		
	10th Main-From 16th E Cross to 16th Cross		1	150.00	6.00		900.00		
	11th Main-From 16th Cross to 16th E Cross		1	113.00	6.70		757.10		
	10th Cross-From 13th main to 9th Main		1	163.00	6.30		1,026.90		
	11th Cross-From 9th main to 13th Main		1	163.00	9.40		1,532.20		
	12thMain-From 11th Cross to 14th Cross		1	195.00	6.25		1,218.75		
	12th Cross-From 9th Main to 12th Main		1	116.00	6.40		742.40		
	13th Cross-From 9th Main to 12th Main		1	117.00	6.50		760.50		
	CQAL Layout								
	4th Main-From 20th Cross to 20th B Cross		1	207.00	5.00		1,035.00		
	16th CrossFrom 4th Main to 7th Main		1	130.00	5.00		650.00		
	17th Cross From 4th Main to 7th Main		1	62.00	4.85		300.70		
	18th Cross From 4th Main to 7th Main		1	72.00	5.00		360.00		
	19th Cross From 4th Main to 7th Main		1	90.00	7.90		711.00		
	For DBM	Sqm							
	New Asphalt Road								
	From NH to Sanjivininagara								
	CH 0-100		1	100.00	9.00	--	900.00		
	CH 100-200		1	100.00	9.00	--	900.00		
	CH 200-300		1	100.00	9.00	--	900.00		
	CH 300-360		1	60.00	9.00	--	540.00		
	CH 445-460		1	15.00	9.00	--	135.00		
	CH 460-475		1	15.00	11.00	--	165.00		
	CH 475-477		1	2.00	8.00	--	16.00		
	CH 477-492		1	15.00	9.00	--	135.00		
	CH 492-507		1	15.00	8.00	--	120.00		
	CH 507-530		1	23.00	8.00	--	184.00		
	Gadwin Public School to Amco Layout								

BOQ Item No	Description of Item	Unit	Nos	Length	Bredth	Depth	Quantity	Rate in Rs	Amount in Rs
				m	m	m			
			1	305.00	8.00	--	2440.00		
			1	55.00	6.00	--	330.00		
	Road CUT								
	Shanthivana Road		1	210.00	1.60	--	336.00		
	Shanthivana 1st Cross Road		1	328.00	2.00	--	656.00		
	BAD REACHES								
	Shanthivana 2nd Cross Road		7	1.50	0.60	--	6.30		
			8	1.00	0.80	--	6.40		
	For Laying BC								
	New Asphalt Road								
	From NH to Sanjivininagara								
	CH 0-100		1	100.00	9.00	--	900.00		
	CH 100-200		1	100.00	9.00	--	900.00		
	CH 200-300		1	100.00	9.00	--	900.00		
	CH 300-360		1	60.00	9.00	--	540.00		
	CH 445-460		1	15.00	9.00	--	135.00		
	CH 460-475		1	15.00	11.00	--	165.00		
	CH 475-477		1	2.00	8.00	--	16.00		
	CH 477-492		1	15.00	9.00	--	135.00		
	CH 492-507		1	15.00	8.00	--	120.00		
	CH 507-530		1	23.00	8.00	--	184.00		
	Gadwin Public School to Amco Layout								
			1	305.00	8.00	--	2440.00		
			1	55.00	6.00	--	330.00		
	Shanthivana Road		1	210.00	10.00	---	2100.00		
	Shanthivana 1st Cross Road		1	328.00	6.00	--	1968.00		
	Shanthivana 2nd Cross Road		1	420.00	7.50	--	3150.00		
							82,536.56	**12.23**	**10,09,422.17**
30	KSRRB M500-16. Providing and laying dense bituminous macadam 50-75mm compacted thickness with 4.5% VG-30 Bitumen using 40/60 TPH capacity H.M.P, using crushed aggregates of grading II, premixed with VG 30 grade bituminous binder and transporting the hot mix to work site, laying with mechanical paver to the required grade level and alignment rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10, complete in all respects complete as per specification MORTH specification No. 507 (P.No.163 I.No. 21.17.6 of PW,P&IWTD S.R 2016-17)								
	Lottegollahalli Main Road	Cu-m							
	From Devinagra Junction to towards Jalagaradamma temple		1	403.50	7.20	0.05	145.26		
	LKR nagar main Road								
	From Railway Gate to Towards SWD Drain		1	88.60	8.10	0.05	35.88		
	From SWD Drain to Devinagara Main Road		1	310.00	9.50	0.05	147.25		
	6th Cross Road								
			1	20.00	2.50	0.05	2.50		
			2	8.00	2.50	0.05	2.00		
			1	12.00	1.50	0.05	0.90		
			2	10.00	2.00	0.05	2.00		
			2	8.00	2.00	0.05	1.60		
	6th A Cross Road								
			1	11.00	2.50	0.05	1.38		
			2	7.00	2.00	0.05	1.40		
			3	5.00	2.50	0.05	1.88		
			1	10.00	1.50	0.05	0.75		
			2	6.00	3.00	0.05	1.80		

BOQ Item No	Description of Item	Unit	Nos	Length	Bredth	Depth	Quantity	Rate in Rs	Amount in Rs
				m	m	m			
	AK Colony Main Road								
			1	11.00	2.50	0.05	1.38		
			4	5.00	2.00	0.05	2.00		
			1	10.00	2.50	0.05	1.25		
			2	7.00	1.50	0.05	1.05		
			2	8.00	0.80	0.05	0.64		
	AK Colony 1stCross Road								
			1	116.20	1.24	0.05	7.20		
			2	10.00	2.00	0.05	2.00		
			2	7.00	1.00	0.05	0.70		
			2	8.00	2.50	0.05	2.00		
			2	6.00	2.00	0.05	1.20		
	SRK School Road								
			2	8.00	1.70	0.05	1.36		
			1	10.00	2.00	0.05	1.00		
			2	7.00	3.00	0.05	2.10		
			2	5.00	2.00	0.05	1.00		
	Bad Reaches								
	AK Colony 1stCross Road								
			3	3.00	1.50	0.05	0.68		
			2	3.00	2.00	0.05	0.60		
	AK Colony Main Road								
			3	3.00	1.00	0.05	0.45		
			1	4.00	0.80	0.05	0.16		
			2	3.00	0.75	0.05	0.23		
	4th Cross Road								
			2	2.00	2.00	0.05	0.40		
	For Laying DBM								
	Road Portion								
	Intelli Solution Road		1	85.00	5.00	0.05	21.25		
	Profile Correction								
	2nd A Cross Road		1	54.50	1.80	0.05	4.91		
	3rd A Cross Road		1	43.80	1.70	0.05	3.72		
	3rd B Cross Road		1	52.00	1.65	0.05	4.29		
	4th A Cross Road		1	51.80	1.70	0.05	4.40		
	4th B Cross Road		1	30.00	1.80	0.05	2.70		
	5th A Cross Road		1	57.40	1.72	0.05	4.94		
	5th B Cross Road		1	28.60	1.70	0.05	2.43		
	6th A Cross Road		1	53.50	1.80	0.05	4.82		
	6th B Cross Road		1	53.00	1.72	0.05	4.56		
	7th A Cross Road		1	54.00	1.65	0.05	4.46		
	7th B Cross Road		1	55.70	1.80	0.05	5.01		
	8th B Cross Road		1	56.00	1.70	0.05	4.76		
	Bad Reaches								
	2nd A Cross Road		1	19.00	0.50	0.05	0.48		
			2	13.00	0.72	0.05	0.94		
			1	5.00	3.00	0.05	0.75		
	Ramp		1	2.80	5.00	0.05	0.70		
	3rd A Cross Road								
			2	1.00	1.50	0.05	0.15		
			2	14.00	0.30	0.05	0.42		
			1	7.00	0.40	0.05	0.14		
			1	1.00	1.50	0.05	0.08		
	7th A Cross Road								
			1	3.00	3.00	0.05	0.45		
			1	4.00	1.20	0.05	0.24		
	1st B Cross Road		1	104.50	5.60	0.05	29.26		
	4th Cross Road		1	181.50	5.45	0.05	49.46		
	5th Cross Road		1	175.00	5.36	0.05	46.90		
	Road CUT								
	6th Cross Road		1	162.00	1.30	0.05	10.53		
	7th Cross Road		1	158.00	1.30	0.05	10.27		
	1st Main Road								

BOQ Item No	Description of Item	Unit	Nos	Length	Bredth	Depth	Quantity	Rate in Rs	Amount in Rs
				m	m	m			
	B/W 7th A to 4th Cross Road		1	30.00	2.38	0.05	3.57		
	Bad Reaches								
	Maruthinagar 1st Main Road								
			1	5.00	2.25	0.05	0.56		
			1	5.00	2.00	0.05	0.50		
			1	2.00	10.75	0.05	1.08		
	3rd A Cross Road								
			1	8.00	3.00	0.05	1.20		
			1	6.00	3.75	0.05	1.13		
			1	2.00	8.50	0.05	0.85		
			1	2.00	6.00	0.05	0.60		
	3rd B Cross Road								
			1	4.00	2.50	0.05	0.50		
			1	5.00	2.75	0.05	0.69		
			1	2.00	8.25	0.05	0.83		
			1	2.00	8.25	0.05	0.83		
	2nd A Cross Road								
			1	4.00	2.90	0.05	0.58		
			1	6.00	2.50	0.05	0.75		
			1	2.00	8.00	0.05	0.80		
			1	2.00	8.00	0.05	0.80		
	2nd B Cross Road								
			1	2.00	13.25	0.05	1.33		
			1	2.00	15.75	0.05	1.58		
	Profile Correction with DBM								
	SahakarNagara D& C Block								
	8th Main-From 16th E Cross to 1st Main		1	78.00	1.85	0.05	7.22		
	9th Main-From 1st Main to 16th E Cross		1	104.00	2.00	0.05	10.40		
	10th Main-From 16th E Cross to 16th Cross		1	30.00	2.00	0.05	3.00		
	11th Main-From 16th Cross to 16th E Cross		1	10.00	3.80	0.05	1.90		
	10th Cross-From 13th main to 9th Main		1	32.00	2.00	0.05	3.20		
	11th Cross-From 9th main to 13th Main		2	163.00	1.80	0.05	29.34		
	12thMain-From 11th Cross to 14th Cross		1	32.00	2.00	0.05	3.20		
	13th Cross-From 9th Main to 12th Main		1	60.00	2.90	0.05	8.70		
	CQAL Layout								
	4th Main-From 20th Cross to 20th B Cross		1	74.00	2.21	0.05	8.18		
	LKR nagar main Road								
	From Railway Gate to Towards SWD Drain		1	250.00	9.15	0.05	114.38		
	Devinagara Main Road		1	442.80	6.95	0.05	153.87		
	From Lottegollahalli Main Road to Ring Road		2	5.00	4.50	0.05	2.25		
	8th cross DeviNagara-Profile Correction		2	4.00	4.00	0.05	1.60		
			2	6.00	2.75	0.05	1.65		
			2	8.00	2.40	0.05	1.92		
	DBM	Cum							
	New Asphalt Road								
	From NH to Sanjivininagara								
	CH 0-100		1	100.00	9.00	0.05	45.00		
	CH 100-200		1	100.00	9.00	0.05	45.00		
	CH 200-300		1	100.00	9.00	0.05	45.00		
	CH 300-360		1	60.00	9.00	0.05	27.00		

BOQ Item No	Description of Item	Unit	Nos	Length	Bredth	Depth	Quantity	Rate in Rs	Amount in Rs
				m	m	m			
	CH 445-460		1	15.00	9.00	0.05	6.75		
	CH 460-475		1	15.00	11.00	0.05	8.25		
	CH 475-477		1	2.00	8.00	0.05	0.80		
	CH 477-492		1	15.00	9.00	0.05	6.75		
	CH 492-507		1	15.00	8.00	0.05	6.00		
	CH 507-530		1	23.00	8.00	0.05	9.20		
	Gadwin Public School to Amco Layout								
			1	305.00	8.00	0.05	122.00		
			1	55.00	6.00	0.05	16.50		
	Road CUT								
	Shanthivana Road		1	210.00	1.60	0.05	16.80		
	Shanthivana 1st Cross Road		1	328.00	2.00	0.05	32.80		
	BAD REACHES								
	Shanthivana 2nd Cross Road		7	1.50	0.60	0.05	0.32		
			8	1.00	0.80	0.05	0.32		
							1352.41	**6,748.01**	**91,26,086.66**
31	KSRRB M500-19. Providing and laying bituminous concrete 30-40 mm compacted thickness with VG30 Bitumen grade using 40-60 HMP using crushed aggregates of grading II, premixed with bituminous binder at 5.4% of mix and filler, transporting the hot mix to work site, laying with a mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRT&H specification clause No. 500.9 complete in all respects as per specifications. MORTH Specification No. 509 (P.No.165 of I.No.21.22.6 in PW,P&IWTD S.R 2016-17)								
	For Laying BC	Cu-m							
	Lottegollahalli Main Road								
	From Devinagra Junction to towards Jalagaradamma temple		1	403.50	7.20	0.04	116.21		
	For Laying BC								
	LKR nagar main Road		1	250.00	9.15	0.04	91.50		
	Devinagara Main Road		1	442.80	6.95	0.04	123.10		
	8th cross DeviNagara		1	94.00	4.26	0.04	16.02		
	2nd cross Lottegollahalli		1	109.50	4.49	0.04	19.67		
	For Laying BC								
	LKR nagar main Road								
	From Railway Gate to Towards SWD Drain		1	88.60	8.10	0.04	28.71		
	From SWD Drain to Devinagara Main Road		1	310.00	9.50	0.04	117.80		
	For Laying BC								
	1st Cross Road		1	23.50	3.80	0.04	3.57		
	2nd Cross Road		1	40.00	3.10	0.04	4.96		
	3rd Cross Road		1	54.00	3.80	0.04	8.21		
	4th Cross Road		1	67.00	3.90	0.04	10.45		
	6th Cross Road		1	100.00	4.20	0.04	16.80		
	6th A Cross Road		1	87.50	4.10	0.04	14.35		
	AK Colony Main Road		1	146.50	5.00	0.04	29.30		
	AK Colony Approach Road		1	14.20	4.90	0.04	2.78		
			1		60.00	0.04	2.40		
	AK Colony 1stCross Road		1	165.60	4.90	0.04	32.46		
	SRK School Road		1	105.10	3.90	0.04	16.40		
	Road Portion								
	Intelli Solution Road		1	85.00	5.00	0.04	17.00		
	2nd A Cross		1	64.50	5.00	0.04	12.90		
	3rd A Cross		1	55.50	5.00	0.04	11.10		
	3rd B Cross		1	73.00	4.80	0.04	14.02		

BOQ Item No	Description of Item	Unit	Nos	Length	Bredth	Depth	Quantity	Rate in Rs	Amount in Rs
				m	m	m			
	4th A Cross		1	74.80	4.95	0.04	14.81		
	4th B Cross		1	39.00	4.60	0.04	7.18		
	5th A Cross		1	62.40	4.80	0.04	11.98		
	5th B Cross		1	38.60	5.00	0.04	7.72		
	6th A Cross		1	63.50	4.90	0.04	12.45		
	6th B Cross		1	63.00	5.35	0.04	13.48		
	7th A Cross		1	64.00	3.85	0.04	9.86		
	7th B Cross		1	71.70	4.90	0.04	14.05		
	8th B Cross		1	70.50	5.30	0.04	14.95		
	Maruthinagar 2nd Stage								
	Badrappa Layout								
	Maruthinagar 1st Main Road		1	82.50	7.00	0.04	23.10		
	1st A cross Road		1	29.00	3.70	0.04	4.29		
	2nd A Cross Road		1	39.00	3.00	0.04	4.68		
	2nd B Cross Road		1	93.00	5.25	0.04	19.53		
	3rd A Cross Road		1	78.00	4.65	0.04	14.51		
	3rd B cross Road		1	85.10	5.27	0.04	17.94		
	5th cross Road		1	175.00	5.35	0.04	37.45		
	6th cross Road		1	162.50	5.85	0.04	38.03		
	7th cross Road		1	158.00	4.60	0.04	29.07		
	1st Main Road								
	B/W 7th A cross to 4th cross		1	97.00	5.90	0.04	22.89		
	1st B Cross Road		1	104.50	5.60	0.04	23.41		
	4th Cross Road		1	181.50	5.45	0.04	39.57		
	SahakarNagara D& C Block								
	8th Main-From 16th E Cross to 1st Main		1	320.00	7.30	0.04	93.44		
	9th Main-From 1st Main to 16th E Cross		1	280.00	7.30	0.04	81.76		
	10th Main-From 16th E Cross to 16th Cross		1	150.00	6.00	0.04	36.00		
	11th Main-From 16th Cross to 16th E Cross		1	113.00	6.70	0.04	30.28		
	10th Cross-From 13th main to 9th Main		1	163.00	6.30	0.04	41.08		
	11th Cross-From 9th main to 13th Main		1	163.00	9.40	0.04	61.29		
	12thMain-From 11th Cross to 14th Cross		1	195.00	6.25	0.04	48.75		
	12th Cross-From 9th Main to 12th Main		1	116.00	6.40	0.04	29.70		
	13th Cross-From 9th Main to 12th Main		1	117.00	6.50	0.04	30.42		
	CQAL Layout								
	4th Main-From 20th Cross to 20th B Cross		1	207.00	5.00	0.04	41.40		
	16th CrossFrom 4th Main to 7th Main		1	130.00	5.00	0.04	26.00		
	17th Cross From 4th Main to 7th Main		1	62.00	4.85	0.04	12.03		
	18th Cross From 4th Main to 7th Main		1	72.00	5.00	0.04	14.40		
	19th Cross From 4th Main to 7th Main		1	90.00	7.90	0.04	28.44		
	Pot Holes								
			4	5.00	2.50	0.04	2.00		
			2	5.00	1.50	0.04	0.60		
	Humps								
			2	6.00	0.75	0.04	0.36		
	Laying BC	Cum							
	New Asphalt Road								
	From NH to Sanjivininagara								

BOQ Item No	Description of Item	Unit	Nos	Length	Bredth	Depth	Quantity	Rate in Rs	Amount in Rs
				m	m	m			
	CH 0-100		1	100.00	9.00	0.04	36.00		
	CH 100-200		1	100.00	9.00	0.04	36.00		
	CH 200-300		1	100.00	9.00	0.04	36.00		
	CH 300-360		1	60.00	9.00	0.04	21.60		
	CH 445-460		1	15.00	9.00	0.04	5.40		
	CH 460-475		1	15.00	11.00	0.04	6.60		
	CH 475-477		1	2.00	8.00	0.04	0.64		
	CH 477-492		1	15.00	9.00	0.04	5.40		
	CH 492-507		1	15.00	8.00	0.04	4.80		
	CH 507-530		1	23.00	8.00	0.04	7.36		
	Gadwin Public School to Amco Layout								
			1	305.00	8.00	0.04	97.60		
			1	55.00	6.00	0.04	13.20		
	Shanthivana Road		1	210.00	10.00	0.04	84.00		
	Shanthivana 1st Cross Road		1	328.00	6.00	0.04	78.72		
	Shanthivana 2nd Cross Road		1	420.00	7.50	0.04	126.00		
							2227.89	**7,623.89**	**1,69,85,161.46**
32	KSRRB M800-13. Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803.(P.No.185, I.No.24.15 of PW,P&IWTD SR 2016-17)								
	Lottegollahalli Main Road	Sq-m							
	From Devinagra Junction to towards Jalagaradamma temple								
	Edge Lane Marking		2.00	403.50		0.10	80.70		
	Center line Marking		0.50	403.50		0.10	20.18		
	LKR nagar main Road		2.50	250.00		0.15	93.75		
	Devinagara Main Road		2.50	442.80		0.10	110.70		
	8th cross DeviNagara		2.00	94.00		0.10	18.80		
	2nd cross Lottegollahalli		2.00	109.50		0.10	21.90		
	LKR nagar main Road								
	From Railway Gate to Towards SWD Drain								
	Edge Lane Marking		2.00	88.60		0.15	26.58		
	Centre Lane Marking		0.50	88.60		0.15	6.65		
	From SWD Drain to Devinagara Main Road								
	Edge Lane Marking		2.00	310.00		0.15	93.00		
	Centre Lane Marking		0.50	310.00		0.15	23.25		
	1st Cross Road		2.00	0.50	23.50	0.15	3.53		
	2nd Cross Road		2.00	0.50	40.00	0.15	6.00		
	3rd Cross Road		2.00	0.50	54.00	0.15	8.10		
	4th Cross Road		2.00	0.50	67.00	0.15	10.05		
	6th Cross Road		2.00	0.50	100.00	0.15	15.00		
	6th A Cross Road		2.00	0.50	87.50	0.15	13.13		
	AK Colony Main Road		2.00	0.50	154.00	0.15	23.10		
	AK Colony 1st Cross Road		2.00	0.50	173.00	0.15	25.95		
	SRK School Road		2.00	0.50	110.00	0.15	16.50		
	Side line		Sqm						
	Maruthinagar 2nd Stage								
	Badrappa Layout								
	Maruthinagar 1st Main Road		0.50	82.50	0.10		4.13		
	1st A cross Road		0.50	29.00	0.10		1.45		
	2nd A Cross Road		0.50	39.00	0.10		1.95		
	2nd B Cross Road		0.50	93.00	0.10		4.65		
	3rd A Cross Road		0.50	78.00	0.10		3.90		

BOQ Item No	Description of Item	Unit	Nos	Length	Bredth	Depth	Quantity	Rate in Rs	Amount in Rs
				m	m	m			
	3rd B cross Road		0.50	85.10	0.10		4.26		
	5th cross Road		0.50	175.00	0.10		8.75		
	6th cross Road		0.50	162.50	0.10		8.13		
	7th cross Road		0.50	158.00	0.10		7.90		
	1st Main Road								
	B/W 7th A cross to 4th cross		0.50	97.00	0.10		4.85		
	1st B Cross Road		0.50	104.50	0.10		5.23		
	4th Cross Road		0.50	181.50	0.10		9.08		
	SahakarNagara D& C Block								
	8th Main-From 16th E Cross to 1st Main								
			2.00	320.00	0.10		64.00		
			0.50	320.00	0.10		16.00		
	9th Main-From 1st Main to 16th E Cross								
			2.00	279.00	0.10		55.80		
			0.50	279.00	0.10		13.95		
	10th Main-From 16th E Cross to 16th Cross								
			2.00	150.00	0.10		30.00		
			0.50	150.00	0.10		7.50		
	11th Main-From 16th Cross to 16th E Cross								
			2.00	112.30	0.10		22.46		
			0.50	112.30	0.10		5.62		
	10th Cross-From 13th main to 9th Main								
			2.00	162.30	0.10		32.46		
			0.50	162.30	0.10		8.12		
	11th Cross-From 9th main to 13th Main								
			2.00	162.30	0.10		32.46		
			0.50	162.30	0.10		8.12		
	12thMain-From 11th Cross to 14th Cross								
			2.00	195.00	0.10		39.00		
			0.50	195.00	0.10		9.75		
	12th Cross-From 9th Main to 12th Main								
			2.00	116.00	0.10		23.20		
			0.50	116.00	0.10		5.80		
	13th Cross-From 9th Main to 12th Main								
			2.00	117.00	0.10		23.40		
			0.50	117.00	0.10		5.85		
	CQAL Layout								
	4th Main-From 20th Cross to 20th B Cross								
			2.00	206.30	0.10		41.26		
	16th CrossFrom 4th Main to 7th Main								
			2.00	128.30	0.10		25.66		
	17th Cross From 4th Main to 7th Main								
			2.00	62.00	0.10		12.40		
	18th Cross From 4th Main to 7th Main								
			2.00	71.30	0.10		14.26		
	19th Cross From 4th Main to 7th Main								
			2.00	90.90	0.10		18.18		
			2.00	90.90	0.10		18.18		
	From NH to Sanjivininagara		Sqm						

BOQ Item No	Description of Item	Unit	Nos	Length	Bredth	Depth	Quantity	Rate in Rs	Amount in Rs
				m	m	m			
	Eage Line		2.00	445.00	0.10	--	89.00		
	Center Line		0.50	445.00	0.10	--	22.25		
	Gadwin Public School to Amco Layout		2.00	360.00	0.10	--	72.00		
			0.50	360.00	0.10	--	18.00		
	Shanthivana 1st Cross Road		2.00	328.00	0.10	--	65.60		
			0.50	328.00	0.10	--	16.40		
	Shanthivana 2nd Cross Road		2.00	420.00	0.10	--	84.00		
			0.50	420.00	0.10	--	21.00		
							1602.77	**569.10**	**9,12,136.41**
33	Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 with 25mm and down size graded granite metal coarse aggregates and fine aggregtes , with superplastisiser @3lts confirming to IS9103-1999 ReaffirmecF2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specifications. M20 (at 300Kg per cum coarse aggregate @ 0.69cum and fine aggregate @ 0.43cum) ((P.No.177, I.No.22.6.2 of PW,P&IWTD SR 2016-17)								
	Concrete Road	Cu-m							
	Road Portion								
	Maruthinagar 8thA Cross		1	130.00	4.80	0.13	78.00		
	Road Beside Krishna Gokula Hotel		1	50.00	4.50	0.10	22.50		
	7th'A' Cross Behind A2B		1	111.00	2.78	0.15	46.29		
							146.79		
	New CC Road	Cum							
	CH 361-376		1	15.00	9.15	0.20	27.45		
	CH 376-391		1	15.00	10.20	0.20	30.60		
	CH 391-406		1	15.00	10.45	0.20	31.35		
	CH 406-421		1	15.00	8.90	0.20	26.70		
	CH 421-436		1	15.00	7.40	0.20	22.20		
	CH 436-443.5		1	7.50	7.00	0.20	10.50		
			1	8.10	6.60	0.20	10.69		
							159.49		
							306.28	**5,776.55**	
						Up to 125%	**200.25**	**5776.55**	**11,56,754.14**
						Above 125%	**106.03**	**5653.15**	**5,99,397.96**
34	Vaccum de-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery, Screed Vibratory, Power Floater, blade and disc etc., with all lead and lift.(P.No.177, I.No.22.7 of PW, P&IWTD SR 2016-17)								
	Concrete Road	Sq-m							
	Maruthinagar 8thA Cross		1	130.00	4.80		624.00		
	7th'A' Cross Behind A2B		1	111.00	2.78		308.58		
							932.58	**100.04**	**93,295.30**

BOQ Item No	Description of Item	Unit	Nos	Length m	Bredth m	Depth m	Quantity	Rate in Rs	Amount in Rs
35	Providing groove cutting to concrete pavement for width of 5mm to 10mm and depth 80mm - 100mm including cost of cutting machine, generator & HOM of machinery, including cost of blade, coolant, etc., including cleaning of grove & providing sand and hot bitumen fillars, and filler metal etc., including cost of conveyance of all amterials, labour, lead and lift charges and all other incidental charges as per drawing and as per specifications.(P.No.178, I.No.22.8.1 of PW, P&IWTD SR 2016-17)								
	Concrete Road	Sq-m							
	7th'A' Cross Behind A2B		1	11.10	2.78		30.86		
							30.86	**127.82**	**3,944.27**
36	Providing and fixing M S Grating								
	Lottegollahalli	Sq-m							
	LHS		17	0.25		0.25	1.06		
	RHS		32	0.25		0.25	2.00		
	LKR nagar main Road-LHS								
			50	0.25		0.25	3.13		
	Kannuramma Temple Road-LHS								
			28	0.25		0.25	1.75		
	LKR nagar main Road-LHS								
			63	0.25		0.25	3.91		
			63	0.25		0.25	3.94		
							15.79	**6,970.04**	**1,10,039.51**
37	KSRRB M2600-5.(iv) Providing and filling joint sealing compound as per drawings and technical specifications with coarse sand and 6 per cent bitumen by weight complete as per specifications MORTH Specification No. 2605(P.No.243, I.No.31.5 of PW,P&IWTD S.R 2016-17)								
	LKR nagar main Road-LHS	**Rmtr**							
			1	242.00			242.00		
			1	270.00			270.00		
	LKR nagar main Road-LHS								
			1	310.00			310.00		
							822.00	**25.56**	**21,010.32**
38	Providing Rain Water Harvesting Pits for Drains								
		Each	2				2.00		
							2.00	**22,020.60**	**44,041.20**
39	KSRRB M800-35. Supply and Installation of Moulded Shank Raised Pavement Markers made of polycarbonate and ABS(Acrylonitrile Butadiene Styrene) moulded body and reflective panels with micro prismatic lens capable of providing total internal reflection of the light entering the lens face and shall support a load of 16000kg tested in accordance to specification of category A of MORTH Circular No RW/NH/33023/10-97-Do III Dt 11.06.1997. The Height, width and length shall no exceed 50mm, 100mm, and 102mm and with minimum reflective area of 13 Sqcm on each side and the slope to the base shall be 35 degree. The strength of detachment of the integrated cylindrical shanks, (of diameter not less than 19mm and height not less than 30 mm) from the body is to be a minimum vakue of 500 kg. Fixing will be by drilling holes on the road for the shanks to go inside, without nails and using epoxy resin based adhesive as per manufacturer's recommendation and complete as directed by the engineer with 2 years warranty for the reflectivity from the original manufacturer is mandatory along with necessary test certification from the certified laboratory. Third party test certificates from a reputed test laboratory shall be submitted with seal and signature in originals. (P.No.189, I.No.24.41 of PW,P&IWTD SR 2016-17)								
	Lottegollahalli Main Road	Nos	3	81.00			243.00		
	LKR nagar main Road		3	50.00			150.00		
	Devinagara Main Road		3	88.00			264.00		

BOQ Item No	Description of Item	Unit	Nos	Length	Bredth	Depth	Quantity	Rate in Rs	Amount in Rs
				m	m	m			
	LKR nagar main Road								
			3	88.00			264.00		
	SahakarNagara D& C Block								
	8th Main-From 16th E Cross to 1st Main		2	64.00			128.00		
			1	64.00			64.00		
	9th Main-From 1st Main to 16th E Cross		2	56.00			112.00		
			1	56.00			56.00		
	10th Main-From 16th E Cross to 16th Cross		2	30.00			60.00		
			1	30.00			30.00		
	11th Main-From 16th Cross to 16th E Cross		2	23.00			46.00		
			1	23.00			23.00		
	10th Cross-From 13th main to 9th Main		2	33.00			66.00		
			1	33.00			33.00		
	11th Cross-From 9th main to 13th Main		2	33.00			66.00		
			1	33.00			33.00		
	12thMain-From 11th Cross to 14th Cross		2	39.00			78.00		
			1	39.00			39.00		
	12th Cross-From 9th Main to 12th Main		2	23.00			46.00		
			1	23.00			23.00		
	13th Cross-From 9th Main to 12th Main		2	24.00			48.00		
			1	24.00			24.00		
	CQAL Layout								
	4th Main-From 20th Cross to 20th B Cross		2	42.00			84.00		
	16th CrossFrom 4th Main to 7th Main		2	27.00			54.00		
	17th Cross From 4th Main to 7th Main		2	13.00			26.00		
	18th Cross From 4th Main to 7th Main		2	15.00			30.00		
	19th Cross From 4th Main to 7th Main		2	19.00			38.00		
			1	19.00			19.00		
							2147.00	**376.80**	**8,08,989.60**
40	Manufacturing, Supply & Fixing of Retro- Reflection Road name sign board single Arrow size 1.98X0.9m size made out if wide angle cube corner micro prismatic grade sheeting confirming to IRC 67:2010 & type XI standards of ASTM D 4956-09 specifications and fixed over 2mm thick aluminium sheet back support frame of stainless stell supported by 30NB 1.2mm thick stainless steel pipe all around and 65NB 1.5mm thick pipe vertical post (AISI 202 Grade) firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete 30cmx30cmx45cm etc.complete. The information message shal be made out of cut out letters in blue colour transparent overlay film as per IRC 67-2010 Guidelines, 7 years pre-qualification warranty for retro reflective sheeting from the original sheeting manufacturer and a certied copy of three years outdoor exposure report from an independent test lab for the product offered shall be submitted by the contractor. The sign board shall be Retro-Reflective Type XL								
	Lottegollahalli Main Road	Each	4				4.00		
	LKR nagar main Road		2				2.00		
	Devinagara Main Road		2				2.00		
	Railway Parallel Road and SahakarNagara D& C Block		8				8.00		
							16.00	**29,622.95**	**4,73,967.20**

BOQ Item No	Description of Item	Unit	Nos	Length	Bredth	Depth	Quantity	Rate in Rs	Amount in Rs
				m	m	m			
41	KSRRB M300-59.1. Loosening of the ground upto a level of 500mm below the subgrade level, watered, graded and compacted in layers to meet requirement of Table 300-2 for subgrade construction complete as per specifications. Case-I:Compacting original ground supporting subgrade.(which includes watering charges & compaction by vibratory roller) MORTH Specification No. 305.3.4								
	Road Portion	Cum							
	Intelli Solution Road		1	85.00	5.00	0.30	127.5		
							127.5	**57.80**	**7,369.50**
42	KSRRB 300-58. Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications. MORTH / Chapter 3								
	Road Portion	Sq-m							
	Intelli Solution Road		1	85.00	5.00		425.00		
	New Asphalt Road	Cum							
	Full Width								
	From NH to Sanjivininagara								
	CH 0-100		1	100.00	9.00		900.00		
	CH 100-200		1	100.00	9.00		900.00		
	CH 200-300		1	100.00	9.00		900.00		
	CH 300-360		1	60.00	9.00		540.00		
	CH 445-460		1	15.00	9.00		135.00		
	CH 460-475		1	15.00	11.00		165.00		
	CH 475-477		1	2.00	8.00		16.00		
	CH 477-492		1	15.00	9.00		135.00		
	CH 492-507		1	15.00	8.00		120.00		
	CH 507-530		1	23.00	8.00		184.00		
	Gadwin Public School to Amco Layout								
	CH 215-570		1	305.00	8.00		2,440.00		
			1	55.00	6.00		330.00		
	Road CUT								
	Shanthivana Road		1	210.00	1.60		336.00		
	Shanthivana 1st Cross Road		1	328.00	6.00		1,968.00		
	New CC Road								
	CH 361-376		1	15.00	9.15		137.25		
	CH 376-391		1	15.00	10.20		153.00		
	CH 391-406		1	15.00	10.45		156.75		
	CH 406-421		1	15.00	8.90		133.50		
	CH 421-436		1	15.00	7.40		111.00		
	CH 436-443.5		1	7.50	7.00		52.50		
			1	8.10	6.60		53.46		
							10,291.46	**5.56**	
						Up to 125%	**5,250.00**	**5.56**	**29,190.00**
						Above 125%	**5,041.46**	**5.44**	**27,419.80**
43	KSRRB 500-3. Scarifying existing stone metal layer upto 75mm thick along with their bituminous surface, picking up scarified materials and stacking of old serviceable materials with lead of 100 m. sequential spreading of the salvaged aggregates with fresh aggregates on prepared base and consolidating as per water bound macadam specifications including cost of all labour, HOM of machineries complete as per specifications. MORTH specification clause 501								
		Sq-m							
	Shanthivana 1st Cross Road	Sq-m	1	328.00	6.00		1,968.00		
							1,968.00	**96.70**	
						Up to 125%	**406.25**	**96.70**	**39,284.38**
						Above 125%	**1,561.75**	**94.64**	**1,47,798.03**

BOQ Item No	Description of Item	Unit	Nos	Length	Bredth	Depth	Quantity	Rate in Rs	Amount in Rs
				m	m	m			
44	KSRRB M300- Construction of Embankment with Material Gravel/ Murrum. KSRRB M300-53. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300- 2 complete as per specifications.(Including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density) MORTH Specification No. 305								
	New Asphalt Road	Cum							
	Full Width								
	From NH to Sanjivininagara								
	CH 0-100		1	100.00	9.00	0.20	180.00		
	CH 100-200		1	100.00	9.00	0.20	180.00		
	CH 200-300		1	100.00	9.00	0.20	180.00		
	CH 300-360		1	60.00	9.00	0.20	108.00		
	CH 445-460		1	15.00	9.00	0.20	27.00		
	CH 460-475		1	15.00	11.00	0.20	33.00		
	CH 475-477		1	2.00	8.00	0.20	3.20		
	CH 477-492		1	15.00	9.00	0.20	27.00		
	CH 492-507		1	15.00	8.00	0.20	24.00		
	CH 507-530		1	23.00	8.00	0.20	36.80		
	Gadwin Public School to Amco Layout								
	CH 215-570		1	305.00	8.00	0.20	488.00		
			1	55.00	6.00	0.20	66.00		
	New CC Road								
	CH 361-376		1	15.00	9.15	0.20	27.45		
	CH 376-391		1	15.00	10.20	0.20	30.60		
	CH 391-406		1	15.00	10.45	0.20	31.35		
	CH 406-421		1	15.00	8.90	0.20	26.70		
	CH 421-436		1	15.00	7.40	0.20	22.20		
	CH 436-443.5		1	7.50	7.00	0.20	10.50		
			1	8.10	6.60	0.20	10.69		
							1512.49	**335.68**	**5,07,713.31**
45	Providing granite Slabs of Selected quality roughly dressed and fixed in cement mortor (1:6) including fixing curing etc,. Complete. 7.5cms thick (P.No.25, I.No.5.31.1 of PW, P&IWTD SR 2016-17)								
	Tatanagar 5th Cross Road	Sq-m							
	BS Drain		2	65.00	1.80		234.00		
		Sq-m	1	128.00		1.80	230.40		
							464.40	**698.03**	**3,24,165.13**
46	Providing and Making Precast Seating Arrengment including Excavation Laying PCC M15, Providing Laying M20 Concrete for Pedestal and Seating slab, fixing of seating slab including all necessary bolts and nuts etc, complete and as per dirction of engineer in charge (Data Rate)								**Item Not Operated**
		Nos					0.00		
							0.00	**2,614.16**	**0.00**
47	Earth work for lowering and levelling the ground other than foundation works by mechanical means upto 3.00 depth, including providing shoring and strutting, removal of stumps and other deleterious matter, dressing of sides and bottom, filling back the excavation earth to the extent required including the cost of labour & HOM of machineries, as per drawing and technical specification.								
	Sahakaranagar Park	Cum							
	Opposite to Ganesha Temple								
	Yoga Centre		1	25.00	3.00	0.30	22.50		
	Gym Center		1	30.00	7.50	0.30	67.50		
							90.00	**75.58**	**6,802.20**

BOQ Item No	Description of Item	Unit	Nos	Length	Bredth	Depth	Quantity	Rate in Rs	Amount in Rs
				m	m	m			
48	KSRRB M200-29. Dismantling of barbed wire fencing / wire mesh fencing including posts, foundation concrete, back filling of pit by manual means including disposal of dismantled material with all lifts and stacking serviceable material and unserviceable material separately complete as per specifications. MORTH Specification No. 202								
		m	1.00	60.00			60.00		
	5 Line						360.00		
							360.00	**46.68**	
					Up to 125%		**50.00**	**46.68**	**2,334.00**
					Above 125%		**310.00**	**45.69**	**14,162.79**
49	Supplying and fixing M.S. Rectangular poles made out of 2 equal angles of 65x65x6 mm welded together and fixed in CC (1:2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 cms. Including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead lifts and as per the directions of the Engineerin - charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting (excluding cost of earthwork and concrete)								**Item Not Operated**
		Mtr							
								910.33	
50	Providing chain link fencing 50mm size of 8 guage properly stretched between existing rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint								
	Next to Gadwin Public School	Sq-m							
			1	200.00		2.15	430.00		
	From Aster Compound End to Sanjeevini Nagara		1	50.00		2.15	107.50		
							537.50	**732.49**	
					Up to 125%		**105.00**	**732.49**	**76,911.45**
					Above 125%		**432.50**	**716.84**	**3,10,034.06**
51	Providing and fixing M.S. Block pipe of 38mm dia, of heavy guage of 14 including removing the bends, cutting the pipe, and fixing pipe in between the existing two verticle poles (M.S. rectangular poles) and spot welding the chain link with M.S. block pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer-in-charge of work etc., complete including two coats of approved quality paint over one coat of shop paint.								**Item Not Operated**
		Mtr							
								360.13	**0.00**
52	Providing and fixing M.S. Gate as per Chief Architect Drawing, using 50mm x 50mm 14 guage M.S. hollow pipe frame work bent to ornamental shape as shown in the drawing and 35mm x 6mm and 16 x 16mm Square rods for verticals alternatively spaced at 4cms c/c in two halves and 40mmx6mm M.S. flats for horizontal member and at the top cast iron spikes are provided at alternate vertical members asshown in the drawing etc., complete. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, with lead and lift, loading and unloading charges, etc., complete as per specifiocation.								**Item Not Operated**
		Sq-m							
								3,395.68	**0.00**
53	KSRRB M800-7. Painting:-Providing and applying two coats of ready mix paint of approved brand after through cleaning of surface to give an even shade complete as per specifications. MORTH Specification No. 803 - Painting on Steel Surface								**Item Not Operated**
		Sq-m							
								61.13	

BOQ Item No	Description of Item	Unit	Nos	Length	Bredth	Depth	Quantity	Rate in Rs	Amount in Rs
				m	m	m			
54	KSRB 4-1.7 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 20mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregtes @ 0.56cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2								
	Sahakaranagar Park	Cum							
	Opposite to Ganesha Temple								
	Yoga Centre		1	25.00	3.00	0.10	7.50		
	Gym Center		1	30.00	7.50	0.15	33.75		
							41.25	**5,871.03**	**2,42,179.99**
55	KSRRB 2100.-2.2: Earthwork in excavation for foundations of structures as per drawings and techincal specifications including, setting out , construction of shoring & bracing , removal of stumps and other deleterious matter , dressing of sides and bottom and backfilling with approved material complete as per specifications .B. Machanical means (i) Depth - 3.0 Mtr to 6.0 m dep								
		Cum							
	For Culvert 5th Main								
			1	17.50	5.00	2.60	227.50		
	Culvert								
	A2B Back Side								
	7th Cross		1	5.00	1.80	0.90	8.10		
	Devinagar Main Road								
	5th Cross		1	5.00	1.80	0.90	8.10		
	4th Cross		1	5.00	1.80	0.90	8.10		
	Behind G.R Kalyana Mantapa, Badrappa Layout								
	New RCC Drain								
	7th Cross Road		2	132.00	1.10	0.85	246.84		
	4th Cross Road		1	188.00	1.10	0.85	175.78		
	Over Burden Earth		1	15.00	1.50	0.60	13.50		
	Culvert								
	Road Beside Krishna Gokula Hotel		1	5.00	1.70	0.75	6.38		
	Maruthinagr 2nd Stage 2nd B Cross		1	5.50	1.70	0.75	7.01		
	Maruthinagr 1st Stage - 2nd B Cross		1	4.50	1.70	0.75	5.74		
	Lottegollahalli 8th Cross		1	7.30	1.70	0.75	9.31		
	Balaji Layout		1	5.50	1.30	1.00	7.15		
	Devinagar 1st Main Road		1	7.30	1.30	1.25	11.86		
							735.365	**167.15**	**1,22,916.26**
56	KSRB 2.8 : Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift, complete as per specifications, specification. No. KBS (P.No.6, I.No.2.15 of PW,P&IWTD S.R 2016-17))								
	For Bridge Portion	Cum							
			1	17.50	5.00	0.30	26.25		
							26.25	**2,394.08**	**62,844.60**
57	KSRRB M2100-13. Plain / Reinforced Cement Concrete M15 with OPC cement @ 240kgs, with 40mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregates @ 0.56cum in Open Foundation complete as per Drawing and Technical Specifications MORTH Specification No. 1500,1700 & 2100.(P.No.218, I.No.27.24 of PW,P&IWTD S.R 2016-17)								
		Cum	1	17.50	5.00	0.15	13.13		
	Approach Slab								
	Bridge LHS		1	17.50	2.30	0.25	10.06		
	Bridge RHS		1	17.50	2.90	0.25	12.69		

BOQ Item No	Description of Item	Unit	Nos	Length m	Bredth m	Depth m	Quantity	Rate in Rs	Amount in Rs
							35.88	**6,648.84**	**2,38,527.14**
58	Diversion of water course by providing Coffer dams or bunds or islands as may be necessary for piers and abutments foundations, bailing out or pumping water during excavation and until completion etc., complete.(1.50 mtrs depth below LWL.)(P.No.264, I.No.37.41.1 of PW,P&IWTD S.R 2016-17)								
		Cum	2	17.50	1.50	1.50	78.75		
							78.75	**303.51**	**23,901.41**
59	Diversion of water course by providing Coffer dams or bunds or islands as may be necessary for piers and abutments foundations, bailing out or pumping water during excavation and until completion etc., complete. - - beyond 1.50 mtrs depth upto & including 3m depth.								**Item Not Operated**
		Cum							
								373.72	
60	KSRRB M800-43. Installation of a steel portable barricade with horizontal rail 300 mm wide, 2.5 m in length fitted on a 'A' frame made with 45 x 45 x 5 mm angle iron section, 1.5 m in height, horizontal rail painted (2 coats) with yellow and white stripes, 150 mm in width at an angle of 45°, 'A' frame painted with 2 coats of yellow paint, complete as per IRC:SP:55-2001 complete as per specifications.(P.No.190, Item no 24.44 of PW,P&IWTD S.R 2016-17))								
		Nos	20				20.00		
							20.00	**2,686.26**	**53,725.20**
61	KSRRB M2100-20.2. Plain / Reinforced Cement Concrete in Open Foundation with OPC cement design mix M35 @ 390kgs, with 20mm and down size graded granite metal coarse aggregates @0.68cum and fine aggregates @ 0.45cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008. case II : With Batching Plant, Transit Mixer and Concrete Pump MORTH Specification No. 1500,1700 & 2100(P.No.220, I.No.27.37 of PW,P&IWTD S.R 2016-17)								
		Cum	1	17.50	3.90	0.30	20.48		
							20.48	**7,305.68**	**1,49,583.80**
62	KSRRB M2200-5.19. Design mix M35 with OPC cement @ 390kgs,with 20mm and down size graded granite metal coarse aggregates @0.68cum and fine aggregates @ 0.45cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 - ii) For height, upto 5m,(P.No.224, I.No.28.7.18 of PW,P&IWTD S.R S.R 2016-17)								
	Haunch	Cum	2	17.50	0.30	0.38	3.94		
	Side Wall		2	17.50	0.30	1.35	14.18		
							18.11	**8,229.79**	**1,49,062.07**
63	KSRRB M2300-8.1. Furnishing and Placing Reinforced/ Prestressed cement concrete in super-structure as per drawing and Technical Specification complete as per specifications. D. RCC / PSC with OPC cement design mix M35 @ 390kgs, with 20mm and down size graded granite metal coarse aggregates @0.68cum and fine aggregates @ 0.45cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, Case - II : Using Batching Plant, Transit Mixer & Concrete Pump MORTH Specification No. 1500,1600 & 1700-Height upto 5 m(P.No.233 , I.No.29.16.1 of PW,P&IWTD S.R S.R 2016-17)								
	Top Slab	Cum	1	17.50	4.10	0.35	25.11		
	Wedge		2	17.50	0.30	0.30	3.15		
	Culvert								
	RAFT								
	Balaji Layout		1	5.50	1.10	0.25	1.51		
	Devinagar 1st Main Road		1	7.30	1.10	0.25	2.01		
	Side Wall								
	Balaji Layout		2	5.50	0.25	0.60	1.65		
	Devinagar 1st Main Road		2	7.30	0.25	0.85	3.10		
							36.54	**8,324.92**	**3,04,150.95**

BOQ Item No	Description of Item	Unit	Nos	Length	Bredth	Depth	Quantity	Rate in Rs	Amount in Rs
				m	m	m			
64	KSRRB M2200 -6 Supplying , fitting and placingTMT bar Fe 550 reinforcement in sub-structure complete as per drawing & technical specification complete as per the specification . MORTH Specification No.1600 & 2200(P.No.225 , I.No.28.8.3 of PW,P&IWTD S.R 2016-17)								
	For Bridge Portion	Tonne							
	125 kg/cum			34.65		0.13	4.33		
	New Rcc Drain								
	50 kg/cum for Drain			145.20		0.05	7.93		
							12.26	**62,834.96**	**7,70,304.46**
65	KSRRB M2300 -14. supplying , fitting and placing TMT bar Fe 550 reinforcement in super-structure complete as per as per drawing & technical specification complete as per the specification . MORTH Specification No.1600.(P.No.238 , I.No.29.29.3 of PW,P&IWTD S.R 2016-17))								
	For Bridge Portion	Tonne							
	71 kg/cum			32.20		0.071	2.29		
							2.29	**63,844.01**	**1,45,960.18**
66	KSSRB M220 - 8. Providing weep holes in Brick masnory / Plain / Reinforced concrete abutment, wing wall / return wall with 100mm dia AC pipe, extending through the full width of the structure with slope of 1V:20H towards drawing foce. Complete as per drawing and Technical specifications complete as per specifications. MORTH Specification No. 2706 & 2200 (P.No.225, I.No.28.10 of PW,P&IWTD S.R 2016-17))								
		Cum	2	26.25			52.50		
							52.50	**190.26**	**9,988.65**
67	KSRRB M2700-4. Providing, fitting and fixing mild steel railing complete as per drawing and Technical Specification complete as per specifications MORTH Specification No. 2703.2, 1900								**Item Not Operated**
		Cum							
								3,292.14	
68	KSRRB M2700-5. Drainage Spouts complete as per drawing and Technical specification complete as per specifications MORTH Specification No. 2705								**Item Not Operated**
		Cum							
								1,862.94	
69	KSRRB 2200-9 Filter Media Providing & laying of Filter media With Granular meterails / Stone crushed aggregates satisfying the requirement laid down in clause 2500.4.2.2 of MORTH Specification to a thickness on not less than 600 mm width smaller size towards the soil & bigger size towards wall & provided over the entire surface behind Abutment, Wing wall & return wall to the full height compacted to a firm condition complete as per								
		Cum	2	17.50	0.60	1.65	34.65		
							34.65	**1,467.70**	**50,855.81**
70	KSRRB 2200-8.1 Back filling behind Abutment, Wing wall & return wall to the full height compacted to a firm condition complete as per Drawing & Techincal Specifications. Complete as per specification A. Granular Material MORTH Specification No. 710.14of IRC: 78& 2200.With all Leads & Lift etc & as per the direction of the Engineer Incharge of the Work.(P.No.225, I.No.28.11 of PW,P&IWTD S.R 2016-17))								
		Cum	2	17.50	1.50	1.65	86.63		
							86.63	**593.42**	**51,405.01**
71	KSRRB M2500- Flexible Apron KSRRB M2500-11. Construction of flexible apron 1 m thick comprising of loose stone boulders weighing not less than 40 kg beyond curtain wall complete as per specifications MORTH Specification No. 2507.2								**Item Not Operated**
		Cum							
								1,634.18	
72	KSRRB M2500-5.1. Providing and laying Flooring complete as per drawing and Technical specifications laid over cement concrete bedding complete as per specifications. A. Rubble stone laid in cement mortar 1:3 MORTH Specification No. 2505								**Item Not Operated**
		Cum							
								5,165.28	

BOQ Item No	Description of Item	Unit	Nos	Length m	Bredth m	Depth m	Quantity	Rate in Rs	Amount in Rs
73	KSRRB M2500-10.Curtain wall complete as per drawing and Technical Specifications. B. Cement Concrete Grade M-15 MORTH Specification No. 2507.2								Item Not Operated
		Cum							
								5,903.66	
74	KSRRB M200-15.2. Dismantling of existing structures like culverts, Bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceble material and stacking the serviceble material with all lifts complete as per specifications. iii) Dismantling Stone Masonry B. Rubble Stone maonry in cement mortar (P.No.138, I.No.18.27 of PW,P&IWTD SR 2016-17)								
	5th Main culvert ssm wall	Cum	2	17.50	0.90	1.50	47.25		
							47.25	376.59	17,793.88
75	KSRRB M400-6.2. Construction of granular sub-base by providing close graded material, mixing in a mechaical mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vi								
		Cum							
								1,746.19	
76	Providing granite Slabs of Selected quality roughly dressed and fixed in cement mortor (1:6) including fixing curing etc,. Complete. 7.5cms thick (P.No.25, I.No.5.31.1 of PW, P&IWTD SR 2016-17)								Item Not Operated
77	Add cost of Waste Plastic @ 8% of Bitumen Weight								
	Bitumen = 141 kg/cum			141/100 X	2227.89		25130.56		
							25130.56	28.31	7,11,446.14
					Up to 125%				
					Above 125%				
	Extra Items								
EIRL-1	Removing and refixing of existing chainlink fencing.								
	R&R of Fencing	m							
	From Aster Compound End to Sanjeevini Nagara		1	400.00		2.15	860.00		
	From Gadwin Public School Impact Polytechnic		1	130.00		2.15	279.50		
							1,139.50	235.00	2,67,782.50
EIRL-2	Removing and refixing of existing poles.								
	R&R of Poles for Fencing	m							
	From Aster Compound End to Sanjeevini Nagara		155			3.00	465.00		
	From Gadwin Public School Impact Polytechnic		60			3.00	180.00		
							645.00	210.00	1,35,450.00
EIRL-3	KSRRB M300- Wrought iron and mild steel welded work KSRRB M300-18. Wrought iron and mild steel welded work (using angles, square bars, tees and channel grills, grating frames, gates and tree guards of any size and design etc. including cost of screens and welding rods or bolts and nuts complete fixed in position but without the cost of excavation and concrete for fixing which will be paid separately complete as per specifications.(P.No.150 I.No.19.97 of PW,P&IWTD SR of 2018-19)								
	Next to Gadwin Public School	Quintal							
	Pole 60mm x 60mm x 5mm		100	3.00	4.50		1,350.00	Kg	
	4.5 kg /m								
	12 mm Horizontal bar								
	0.888 Kg/m		4	200.00	0.89		710.40	Kg	
	From Aster Compound End to Sanjeevini Nagara	Quintal							
	Pole 60mm x 60mm x 5mm		70	3.00	4.50		945.00	Kg	
	4.5 kg /m								
	12 mm Horizontal bar								

BOQ Item No	Description of Item	Unit	Nos	Length	Bredth	Depth	Quantity	Rate in Rs	Amount in Rs
				m	m	m			
	0.888 Kg/m		4	50.00	0.89		177.60	Kg	
	Above Compound Wall								
	@ Godwins Public School								
	Pole 45mm x 45mm x 4mm		58	0.90	2.70		140.94	Kg	
	@ Military Ground Inside		105	0.90	2.70		255.15	Kg	
							3,579.90	Kg	
							35.80	**8,755.96**	**3,13,454.45**
EIRL-4	KSRRB M800-Portable barricade in construction zone KSRRB M800-43. Installation of a steel portable barricade with horizontal rail 300 mm wide, 2.5 m in length fitted on a 'A' frame made with 45 x 45 x 5 mm angle iron section, 1.5 m in height, horizontal rail painted (2 coats) with yellow and white stripes, 150 mm in width at an angle of 45°, 'A' frame painted with 2 coats of yellow paint, complete as per IRC:SP:55-2001 complete as per specifications. Item No 24.44 PWD SR 18-19.								
	Sanjeevini Nagar	**Each**							
	From Aster Compound End to Sanjeevini Nagara		435				435.00		
	From Gadwin Public School Impact Polytechnic		305				305.00		
							740.00	**3,033.58**	**22,44,848.13**
EIRL-5	KSRRB 300-6. Excavation soft rock without blasting for formation of roads including stacking neatly, to uniform line and level including cost of explosives, labour, HOM of machineries and equipments complete as per specifications. (with all lead and lift) MORTH / Chapter 3. PWD SR 2018-19. Item No 19.6								
	Near Aster Hospital Compound	**Cum**	1	35.00	9.00	1.00	315.00		
			1	5.00	5.00	1.20	30.00		
			1	6.00	4.00	1.00	24.00		
							369.00	**1,532.63**	**5,65,539.45**
EIRL-6	KSRB15-3.5 : Providing 15mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.(P.No. 112, I.No. 15.13 of PWD SR 2018-19								
	For Compund Wall	Sq-m							
	Opposite to Gadwin Public School		2	35.00		2.10	147.00		
	at Military Ground Inside		2	63.00		2.10	264.60		
							411.60	**269.25**	**1,10,821.38**
EIRL-7	KSRB 15-16.1 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. - with primer. Page No. 117 / Item No. 15.53.2, SR 2018-19								
	For Compund Wall	Sq-m							
	Opposite to Gadwin Public School		2	35.00		2.10	147.00		
	at Military Ground Inside		2	63.00		2.10	264.60		
							411.60	**124.27**	**51,148.33**
EIRL-8	KSRB 14.6-2: Providing & laying heavy duty cobble stones 75mm thick interlock pavers,using cement & course sand for manufacture of blocks of approved size ,shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (Avg thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries complete as per specifications. Specification No. KBS (P.No 103 of I.No.14.6 in PW,P&IWTD SR 2018-19)								
	For Footpath	Sq-m							
	From NH to Sanjivininagara								
	CH 0-100		1	100.00	0.75		75.00		
	CH 100-200		1	100.00	0.75		75.00		

BOQ Item No	Description of Item	Unit	Nos	Length	Bredth	Depth	Quantity	Rate in Rs	Amount in Rs
				m	m	m			
	CH 200-300		1	100.00	0.75		75.00		
	From Shanthivana Katte to Sanjevininagara.								
			1	2.20	3.90		8.58		
			1	3.00	5.00		15.00		
			1	4.10	4.50		18.45		
			1	3.70	1.80		6.66		
			1	2.67	7.00		18.67		
							0.00		
			1	2.70	3.70		9.99		
	CH 0-75		1	75.00	1.00		75.00		
	CH 75-91.5		1	16.60	1.15		19.09		
	CH 0-8		1	8.00	0.96		7.67		
	CH 8-19		1	11.00	1.40		15.40		
	CH 19-67		1	48.00	1.26		60.60		
	Tea shop side Footpath		1	3.40	1.40		4.76		
			1	5.00	2.00		10.00		
			1	5.00	2.60		13.00		
			1	5.00	3.20		16.00		
			1	5.00	3.75		18.75		
			1	5.00	4.15		20.75		
							563.36	**1,352.32**	**7,61,846.46**
EIRL-9	Crushed Coarse aggregate,(Supply of hand broken aggregates) 100mm and down size Item No 37, Code 0912, Page No II (Material Rate) PWD SR 2018-19								
	New CC Road	Cum							
	CH 361-376		1	15.00	9.15	0.60	82.35		
	CH 376-391		1	15.00	10.20	0.60	91.80		
	CH 391-406		1	15.00	10.45	0.60	94.05		
	CH 406-421		1	15.00	8.90	0.60	80.10		
	CH 421-436		1	15.00	7.40	0.60	66.60		
	CH 436-443.5		1	7.50	7.00	0.60	31.50		
			1	8.10	6.60	0.60	32.08		
							478.48	**1,541.34**	**7,37,493.30**
EIRL-10	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications. Clause 401 of MORTH V Revision.PWD SR 2018-19. Item No 20.5								
	New Asphalt Road	Cum							
	Full Width								
	From NH to Sanjivininagara								
	CH 0-100		1	100.00	9.00	0.20	180.00		
	CH 100-200		1	100.00	9.00	0.20	180.00		
	CH 200-300		1	100.00	9.00	0.20	180.00		
	CH 300-360		1	60.00	9.00	0.20	108.00		
	CH 445-460		1	15.00	9.00	0.20	27.00		
	CH 460-475		1	15.00	11.00	0.20	33.00		
	CH 475-477		1	2.00	8.00	0.20	3.20		
	CH 477-492		1	15.00	9.00	0.20	27.00		
	CH 492-507		1	15.00	8.00	0.20	24.00		
	CH 507-530		1	23.00	8.00	0.20	36.80		
	Gadwin Public School to Amco Layout								
	CH 215-570		1	305.00	8.00	0.20	488.00		
			1	55.00	6.00	0.20	66.00		
							1,353.00	**2,292.85**	**31,02,225.15**

BOQ Item No	Description of Item	Unit	Nos	Length	Bredth	Depth	Quantity	Rate in Rs	Amount in Rs
				m	m	m			
EIRL-11	KSRRB M600-1. Construction of dry lean cement concrete mix CC1:5:10 with OPC cement @160Kgs, with 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine aggregates @ 0.58cum Sub- base over a prepared sub-grade with (coarse and fine aggregate conforming to IS: 383) aggregate cement ratio not to exceed 15:1. Aggregate gradation after blending to be as per Table 600-1, cement content not to be less than 160 kg/ cum, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver with electronic sensor, compacting with 8-10 tonnes vibratory roller, finishing and curing complete as per specifications. MORTH Specification No. 601 of MORTH V Revision and -do- with OPC at 420 kg/cum and coarse aggregate 0.64cum, fine aggregate 0.36cum using Concrete Batch mix Plant at 75 cum/hr capacity with fixed form paver. item no 22.1.2, Page No 174. PWD SR 2018-19								
	New CC Road	Cum							
	CH 361-376		1	15.00	9.15	0.15	20.59		
	CH 376-391		1	15.00	10.20	0.15	22.95		
	CH 391-406		1	15.00	10.45	0.15	23.51		
	CH 406-421		1	15.00	8.90	0.15	20.03		
	CH 421-436		1	15.00	7.40	0.15	16.65		
	CH 436-443.5		1	7.50	7.00	0.15	7.88		
			1	8.10	6.60	0.15	8.02		
							119.62	**4,465.09**	**5,34,109.18**
EIRL-12	Providing barbed GI wire fencing of 12x12 gauge drawn into stone pillars or iron pillars including drawing in holes wherever necessary excluding the cost of pillars but including the cost of barbed wire and binding wire etc., complete. (P.No.266 I.No.37.5 of PW,P&IWTD SR of 2018-19)								
	Barbed Gi Wire	Mtr							
	@ Godwins Public School		1	35.00			35.00		
	@ Military Ground Inside		1	63.00			63.00		
						x 4	98.00		
	For 4 Lines						**392.00**		
							392.00	**38.99**	**15,282.41**
EIRL-13	Supply & Fixing of Pull Down chalenger Metal : All Tubular steel f'2.5mm thichness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80-120 microns . All metal parts are tested in our salt spray machine that uses a 5 % NaCL solution in accordance to IS07227 to speed up corrosion for 3000 hrs. Rubber : High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules. Maintenance: Maintain according to EN16630 and the maintenance guide. Safety : All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certfiying agency such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certifictes must be in the name of tendering party and not any 3rd party. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. Size L W H): 2570 805 2685 mm. Weight: 85.4 kg. Safety Area:6287* 4858 mm Capacity_2 Persons.								
	Sakaranagar Park	Each	1				1.00		
							1.00	**2,40,000.00**	**2,40,000.00**

BOQ Item No	Description of Item	Unit	Nos	Length	Bredth	Depth	Quantity	Rate in Rs	Amount in Rs
				m	m	m			
EIRL-14	Supply & Fixing of Seated Chest Press : All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All meta are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5 % NaCL solution in cordance to IS07227 to speed up corrosion for 3000 hrs. Rubber : High quality grip rubber is used for the handles. Bearings : Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules. Maintenance: Maintain according to 8 EN16630 and the maintenance guide. Safety: All products must tested and certified to neet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certfiying agency such as IPEMA, TUV, CPSC, or SGS only The GS mark-EN 16630 certifictes must be in the name of tendering party and not any 3rd party. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. Size L*W*H): 1955 733 2058 mm. Weight: 86.6 kg. Safety Area : 5545* 4470 mm Capacity_2 Persons								
	Sakaranagar Park	Each	1				1.00		
							1.00	**2,30,000.00**	**2,30,000.00**
EIRL-15	Supply & Fixing of Elliptical Cross Trainer: All Tubular steel of 2.5mm thichness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all Sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80-120 microns . All metal parts are tested in our salt spray machine that uses a 5 % NaCL solution in accordance to IS07227 to speed up corrosion for 3000 hrs. Rubber : High quality grip rubber is used for the handles. Bearings : Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules. Maintenance : Maintain according to EN 16630 and the maintenance guide. Safety: All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certfiying agency such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certifictes must be in the name of tendering party and not any 3rd party. All products must clearly display the GS mark as has been issued in the EN 16630 safety certificates. SizeJ L W* H: 1267 * 582* 1764 mm. Weight: 43.5 kg. Safety Area: 4322 3632 mm Capacity_ I Persons								
	Sakaranagar Park	Each	1				1.00		
							1.00	**1,40,000.00**	**1,40,000.00**
EIRL-16	Supply & Fixing of Rider Metal All Tubular steel of 2.5mm thichness are galvanized and zinc dipped. Joints are Robotic Welded . All welded joints are scalloped as necessary and welded to an approved MIG process . All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 120 microns . All metal parts are tested in our salt spray machine that uses a 5 % NaCL solution in accordance to 1S07227 to speed up corrosion for 3000 hrs. Rubber : High quality grip rubber is used for the handles .Bearings Maintenance-free ball bearings . Scope of delivery 1 completely pre -assembled equipment modules Maintenance: Maintain according to EN16630 and the maintenance guide. Safety : All products must tested and certified to meet EN16630 safety standards with GS test mark . The EN 16630 certificates must be issued by a reputed notified International Certfiying agency such as IPEMA ,TUV, CPSC, or SGS only The GS mark -EN 16630 certifictes must be in the name of tendering party and not any 3rd party. All products must clearly display the GS mark as has been issued in the EN 16630 safety certificates. Size_L*W*H): 910 655 1270 mm. Weight: 29.5 kg. Safety Area 3310 3000 mm Capacity Persons								
	Sakaranagar Park	Each	1				1.00		
							1.00	**90,000.00**	**90,000.00**

BOQ Item No	Description of Item	Unit	Nos	Length	Bredth	Depth	Quantity	Rate in Rs	Amount in Rs
				m	m	m			
EIRL-17	Supply & Fixing of Bicycle. Metal : All Tubular steel of 2.5mm thichness are galvanized and zinc dipped. Joints are Robotic Welded . All welded joints are scalloped as necessary and welded to an approved MIG process . All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80-120 microns . All metal parts are tested in our salt spray machine that uses a 5 % NaCL solution in accordance to IS07227 to speed up corrosion for 3000 hrs. Rubber : High quality grip rubber is used for the handles . Bearings Maintenance-free ball bearings . Scope of delivery: 1.completely pre -assembled equipment modules Maintenance Maintain according to EN16630 and the maintenance guide. Safety : All products must tested and certified to meet EN 16630 safety standards with GS test mark . The EN 16630 certificates must be issued by a reputed notified International Certfiying agency such as IPEMA , TUV, CPSC, or SGS only The GS mark-EN 16630 certifictes must be in the name of tendering party and not any 3rd party. All products must clearly display the GS mark as has been issued in the EN 16630 safety certificates. Size L*W*H): 1000*498*1290 mm .Weight: 51.5 kg. Safty Area 3400*3498 mm Capacity I Persons								
	Sakaranagar Park	Each	1				1.00		
							1.00	**1,25,000.00**	**1,25,000.00**
EIRL-18	Supply & Fixing of Arm & Pedal Bike Metal : All Tubular steel of 2.5mm thichness are galvanized and zinc dipped . Joints are Robotic Welded . All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80-120 microns . All metal parts are tested in our salt spray machine that uses a 5 % NaCL n in accordance to IS 07227 to speed up corrosion for 3000 hrs. Rubber High quality grip rubber is used for the handles .Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules. Maintenance : Maintain according to EN16630 and the maintenance guide. Safety : All products must tested and certified to meet EN16630 safety standards with GS test mark . The EN 16630 certificates must be issued by a reputed notified International Certfiying agency such as IPEMA ,TUV, CPSC, or SGS only The GS mark -EN 16630 certifictes must be in the name of tendering party and not any 3rd party. All products must clearly display the GS mark as has been issued in the EN 16630 safety certificates. Size.L*W*H: 830*500*1450 mm. Weight: 32 kg. Safety Area : 3830*2900 mm Capacity_I Persons								
	Sakaranagar Park	Each	1				1.00		
							1.00	**1,70,000.00**	**1,70,000.00**
EIRL-19	Supply & Fixing of HD Sit Up Station Metal: All Tubular steel of 2.5mm thichness are galvanized and zinc dipped. Joint are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel -Great Wall Powder to the thickness of 80-120 microns . All metal parts are tested in our salt spray machine that uses a 5 % NaCL sokátion in accordance to IS 07227 to speed up corrosion for 3000 hrs. Rubber : High quality ip rubber is used for the handles . Bearings : Maintenance-free ball bearings . Scope of delivery : 1 completely pre-assembled equipment modules. Maintenance : Maintain according to EN16630 and the maintenance guide. Safety : All products must tested and certified to meet EN16630 safety standards with GS test mark . The EN 16630 certificates must be issued by a reputed notified International Certfiying agency such as IPEMA , TUV, CPSC, or SGS only The GS mark -EN 16630 certifictes must be in the name of tendering party and not any 3rd party: All products must clearly display the GS mark as has been issued in the EN 16630 safety) certificates. Size _L*W*H): 1412*1366*650 mm. Weight : 42.6 kg. Safety Area.								
	Sakaranagar Park	Each	1				1.00		
							1.00	**1,25,000.00**	**1,25,000.00**

BOQ Item No	Description of Item	Unit	Nos	Length	Bredth	Depth	Quantity	Rate in Rs	Amount in Rs
				m	m	m			
EIRL-20	Supply & Fixing of HD mini Ski Metal: All Tubular steel of 2.5mm thichness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process . All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All mêtal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80-120 microns . All metal parts are tested in our salt spray machine that uses a 5 % NaCL solution in accordance to 1S07227 to speed up corrosion for 3000 hrs. Rubber : High quality grip rubber is used for the handles .Bearings: Maintenance-free ball bearings Scope of delivery : 1 completely pre-assembled equipment modules. Maintenance : Maintain according to EN16630 and the maintenance guide . Safety : All products must tested and certified to meet EN16630 safety standards with GS test mark . The EN16630 certificates must be issued by a reputed notified International Certfiying agency such as IPEMA , TUV, CPSC, or SGS only. The GS mark-EN 16630 certifictes must be in the name of tendering party and not any 3rd party. All products must clearly display the GS mark as has been.								
	Sakaranagar Park	Each	1				1.00		
							1.00	**1,60,000.00**	**1,60,000.00**
EIRL-21	Supply & Fixing of HD Squat Pushing Metal : All Tubular steel of 2.5mm thichness are galvanized and zinc dipped . Joints are Robotic Welded . All welded joints are scalloped as necessary and welded to an approved MIG process . All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All mêtal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80-120 microns . All metal parts are tested in our salt spray machine that uses a 5 % NaCL solution in accordance to 1S07227 to speed up corrosion for 3000 hrs. Rubber : High quality grip rubber is used for the handles Bearings Maintenance-free ball bearings . Scope of delivery : 1 completely pre-assembled equipment modules. Maintenance : Maintain according to EN16630 and the maintenance guide. Safety : All products must tested and certified to meet EN16630 safety standards with GS test mark . The EN16630 certificates must be issued by a reputed notified International Certfiying agency such as IPEMA, TUV, CPSC, or SGS only. The GS mark -EN16630 certifictes must be in the name of tendering party and not any 3rd party. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. Size_L *W * H): 2270 * 635* 1640 mm. Weight: 60.2 kg. Safety Area 5300 * 3685 mm Capacity_2 Persons.								
	Sakaranagar Park	Each	1				1.00		
							1.00	**2,15,000.00**	**2,15,000.00**
EIRL-22	Providing children play standred spring duck Equipment : The system consists of and FRP coloured duck rocking on 10mm dia heavy duty coiled spring including fixing the play equipments in CC 1:2:4, curing etc., complete with all lead , lift, loading , unloading and any other incidental charges and as per the drawing and specifiactins and direction of he engineer in charge of the work.								
	Sakaranagar Park	Each	1				1.00		
							1.00	**36,000.00**	**36,000.00**
EIRL-23	Providing Children play Standerd Duck Wheel Equipment : This is a Micro Revolver made up of an 4 feet diameter platform with 1.5mm thick Aluminium Chequered plate supported well two Nos of ball bearings. 2 nos LDPE ducks and 1 No of plastic sheet flat seats, all supported to vertical pillars of size 25mm NB pipes. All pipes are of ISI grades. All the pipes are painted with two coats of super set paint over a coat of protective Zinc chromae yellow Oxide including fixing the play equipments in CC 1:2:4 curing etc /. Complete with all lead , lift loading and unloading and any other incidental charges and as per the drawing and specification and direction of the Engineer in chrage of the work.								
	Sakaranagar Park	Each		1			1.00		
							1.00	**68,000.00**	**68,000.00**

BOQ Item No	Description of Item	Unit	Nos	Length m	Bredth m	Depth m	Quantity	Rate in Rs	Amount in Rs
EIRL-24	Providing children play two seater standred swing equipment : This swing consist of 2 nos seat of powder coated of size 500mmx250mm x16SWG supported by M S chains of length 18mtrs each seat is suspended by 1 lines of chains. The chains are supported by circular housing with bearing from which the chain is suspended. The main beam is of 50mm MS 'A' class pipe. Size of MS chain 30mm X20mm X5mm thick, the lengh the main beam is 2.4mtrs and height of 2.00mtrs. 2 Nos of cast iron heads. Four footing are in 42 mm pipes. All pipes are ISI Grade, All the pipes are painted with two coats of SUpwe set of paint Over a coat of Protective Zinc chromate yellow oxide including fixing the play equipments in CC 1:2:4 curing Etc,, complete with all lead, lift loading and any other incidental charges and as per the drawing and specification and direction ofthe engineer in charge.								
	Sakaranagar Park	Each		1			1.00		
							1.00	**56,000.00**	**56,000.00**
EIRL-25	Providing and fixing standard slide of approved quality and design as per the drawing and specification and direction of the Engineer in chrage of the work.								
	Sakaranagar Park	Each		1			1.00		
							1.00	**56,000.00**	**56,000.00**
EIRL-26	Lead for disposal of debris shall be payable at carriage rates by mechanical means including loading and unloading. From10.00 to 13.30 kms (Pg132, 1-2)								
	Sakaranagar Park	Cum	5	10.00		2.50	125.00		
			3	5.00		2.47	37.05		
							162.05	**110.56**	**17,916.00**
								Total Amount	**10,39,49,569.47**

Certificate.

1 The rates adopted based on the PWD SR, Bangalore circle for year 2016-17 and 2018-19.
2 The provisions made in the estimate are necessary and essential.
3 The workspot was inspected and work is found to be necessary.
4 The area comes within the Bruhat Bangalore Mahanagara Palike limits.

For Tejus Consultants

Assistant Engineer	Assistant Executive Engineer	Executive Engineer
Byatarayanapura Division	Byatarayanapura Division	Byatarayanapura Division
B.B.M.P	B.B.M.P	B.B.M.P

Technical Sanction
Accorded For Rs.10394956 9.47
Head of A/C P 3158
CER NO : 45 Dt: 22.09.2021

ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ.